

April 7, 2008

Fluid Minerals Group  
Bureau of Land Management  
Vernal Field Office  
170 South 500 East  
Vernal, Utah 84078

RE: Application for Permit to Drill—XTO Energy, Inc.

**BPU 3-23H**

704' FNL & 1,934' FWL, NE/4 NW/4, Section 23, T11S, R20E, SLB&M, Uintah County, Utah

Dear Fluid Minerals Group:

On behalf of XTO Energy, Inc. Buys & Associates, Inc. respectfully submits the enclosed original and three copies of the Application for Permit to Drill (APD) for the above referenced BLM surface and mineral vertical well. A letter from XTO Energy immediately follows this letter to charge the APD processing fee under the Fiscal Year 2008 Consolidated Appropriations Act. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors;

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan

Exhibit "E" - Surface Use Plan with APD Certification;

Exhibit "F" - Typical BOP and Choke Manifold diagram;

Exhibit "G" - Cultural and Paleontological Clearance Reports.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Ken Secrest of XTO Energy, Inc. at 435-722-4521 if you have any questions or need additional information.

Sincerely,

*Don Hamilton*

Don Hamilton  
Agent for XTO Energy, Inc.

cc: Diana Mason, Division of Oil, Gas and Mining  
Ken Secrest, XTO Energy, Inc.

**FILE COPY**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. <b>UTU-76267</b>
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator <b>XTO Energy, Inc.</b>		7. If Unit or CA Agreement, Name and No. <b>Big Pack Unit</b>
3a. Address <b>PO Box 1360; 978 North Crescent Roosevelt, UT 84066</b>	3b. Phone No. (include area code) <b>435-722-4521</b>	8. Lease Name and Well No. <b>BPU 3-23H</b>
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface <b>704' ENL &amp; 1,934' FWL, NE/4 NW/4, 39,851277</b> At proposed prod. zone <b>615634X 44119154 109.648264</b>		9. API Well No. <b>43-047-40068</b>
10. Field and Pool, or Exploratory <del>undesignated</del> <b>Wildcat</b>		11. Sec., T. R. M. or Blk. and Survey or Area <b>Section 23, T11S, R20E, SLB&amp;M</b>
12. Distance in miles and direction from nearest town or post office* <b>16.46 miles south of Ouray, Utah</b>		12. County or Parish <b>Uintah</b>
13. State <b>UT</b>		
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) <b>704'</b>	16. No. of acres in lease <b>2,200 acres</b>	17. Spacing Unit dedicated to this well <b>40 acres</b>
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>1,350'</b>	19. Proposed Depth <b>9,025'</b>	20. BLM/BIA Bond No. on file <b>UTB-000138</b>
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>5,396' GR</b>	22. Approximate date work will start* <b>06/15/2008</b>	23. Estimated duration <b>14 days</b>

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, must be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the BLM.

25. Signature <b>Don Hamilton</b>	Name (Printed/Typed) <b>Don Hamilton</b>	Date <b>04/07/2008</b>
Title <b>Agent for XTO Energy, Inc.</b>		
Approved by (Signature) <b>[Signature]</b>	Name (Printed/Typed) <b>BRADLEY G. HILL</b>	Date <b>04-14-08</b>
Title <b>[Signature]</b>	Office <b>ENVIRONMENTAL MANAGER</b>	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

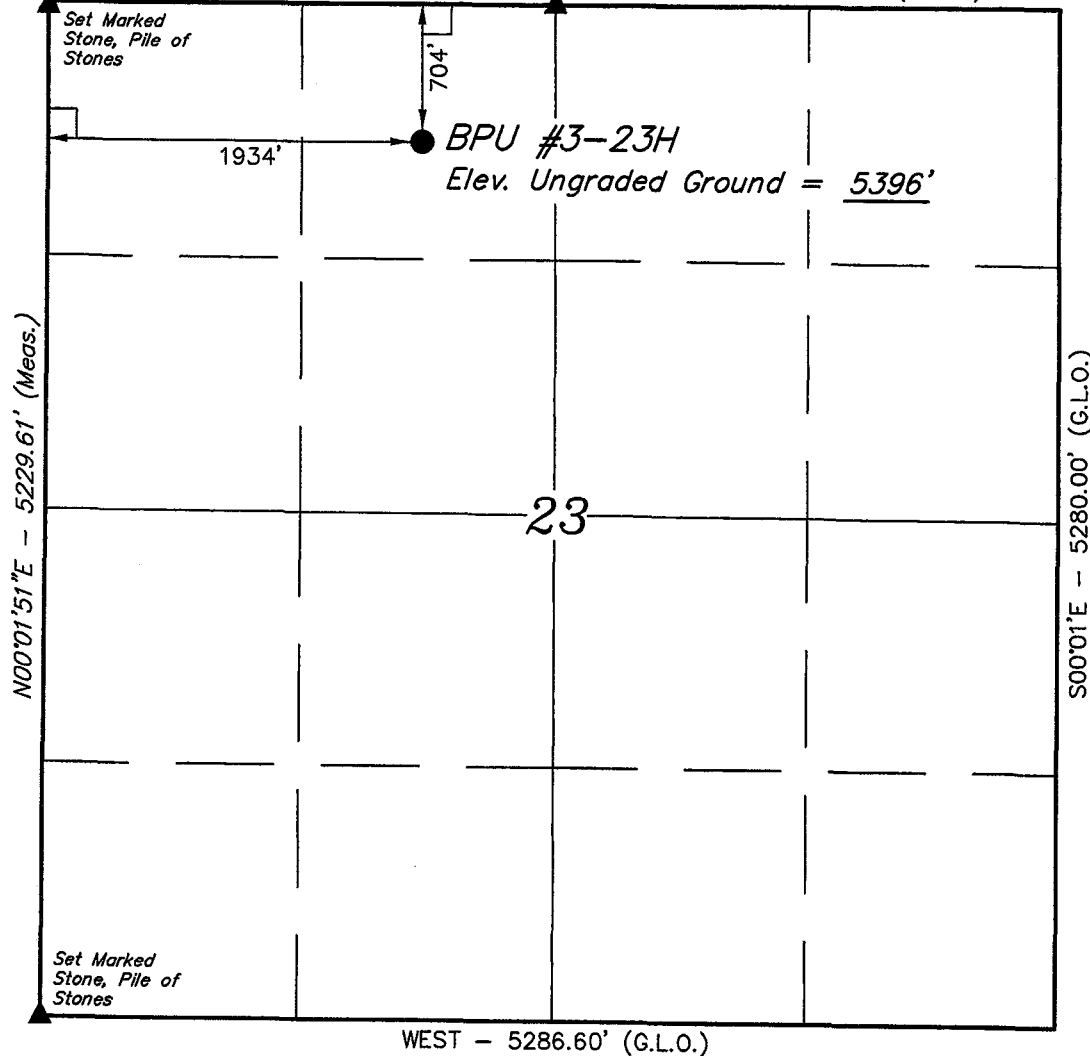
Federal Approval of this  
Action is Necessary

RECEIVED  
APR 10 2008  
DIV. OF OIL, GAS & MINING

**T11S, R20E, S.L.B.&M.**

N89°59'40"W - 2624.72' (Meas.)

N89°51'E - 2636.70' (G.L.O.)



WEST - 5286.60' (G.L.O.)

**LEGEND:**

- └─ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED.  
BY DOUBLE PROPORTION METHOD.  
(Not Set On Ground)

**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

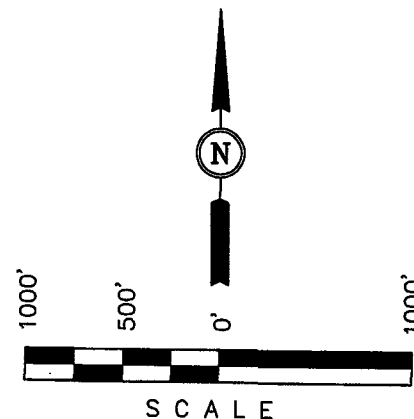
(NAD 83)  
LATITUDE = 39°51'04.20" (39.851167)  
LONGITUDE = 109°38'56.03" (109.648897)  
(NAD 27)  
LATITUDE = 39°51'04.32" (39.851200)  
LONGITUDE = 109°38'53.55" (109.648208)

**XTO ENERGY, INC.**

Well location, BPU #3-23H, located as shown in the NE 1/4 NW 1/4 of Section 23, T11S, R20E, S.L.B.&M., Uintah County, Utah.

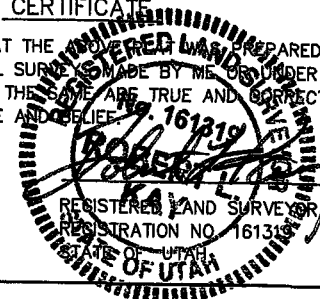
**BASIS OF ELEVATION**

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R20E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.



**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE MAP WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



Revised 3-25-08 D.P.

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 03-29-07	DATE DRAWN: 04-12-07
PARTY J.R. J.M. S.L.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE XTO ENERGY, INC.	



## **COVER SHEET FOR ALL FEDERAL APDs**

**Dear BLM Office:**

**Re: Fiscal Year 2008 Consolidated Appropriations Act**

**Please charge the \$4000 APD fee to the credit card XTO has provided to the BLM office and send the receipt to:**

**Brenda Waller  
XTO Energy, Inc.  
382 Road 3100  
Aztec, NM 87410**

**Please contact me if anything further is needed at 505-215-0027.**

**Sincerely,**

**XTO Energy, Inc.**

A handwritten signature in cursive script that reads 'Brenda Waller'.

**Brenda Waller  
Manager of Regulatory Compliance**



## DRILLING PLAN

**BPU 3-23H**  
**March 23, 2008**

**Location:** 704' FNL & 1934' FWL, Sec. 23, T11S, RR20E

**County:** Uintah

**State:** Utah

**GREATEST PROJECTED TD:** 9025' MD  
**APPROX GR ELEV:** 5396'

**OBJECTIVE:** Wasatch/Mesaverde  
**Est KB ELEV:** 5410' (14' AGL)

### **1. MUD PROGRAM:**

INTERVAL	0' to 2200'	2200' to 9025'
HOLE SIZE	12.25"	7.875"
MUD TYPE	FW/Spud Mud	KCl Based LSND / Gel Chemical
WEIGHT	8.4	8.6-9.20
VISCOSITY	NC	30-60
WATER LOSS	NC	8-15

Remarks: Use fibrous materials as needed to control seepage and lost circulation. Pump high viscosity sweeps as needed for hole cleaning. Raise viscosity at TD for logging. Reduce viscosity after logging for cementing purposes. The mud system will be monitored visually/manually.

### **2. CASING PROGRAM:**

**Surface Casing:** 9.625" casing set at  $\pm$  2200' in a 12.25" hole filled with 8.4 ppg mud

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-2200'	2200'	36#	J-55	ST&C	2020	3.66	394	8.921	8.765	2.10	3.66	4.97

**Production Casing:** 5.5" casing set at  $\pm$  9025' in a 7.875" hole filled with 9.2 ppg mud.

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-9025'	9025'	17#	N-80	LT&C	6280	7740	348	4.892	4.767	1.84	2.27	2.27

Collapse and burst loads calculated at TVD with 0.1 psi/ft gas gradient back up.

### **3. WELLHEAD:**

- A. Casing Head: Larkin Fig 92 (or equivalent), 9" nominal, 2,000 psig WP (4,000 psig test) with 9-5/8" 8rnd thread on bottom (or slip-on, weld-on) and 11-3/4" 8rnd thread on top.
- B. Tubing Head: Larkin Fig 612 (or equivalent), 6.456" nominal, 5,000 psig WP, 5-1/2" 8rnd female thread on bottom (or slip-on, weld-on), 8-5/8" 8rnd thread on top.

### **4. CEMENT PROGRAM:**

- A. Surface: 9.625", 36#, J-55, ST&C casing to be set at  $\pm$  2200' in 12.25" hole.

#### LEAD:

$\pm$ 185 sx of Type V cement (or equivalent) typically containing accelerator and LCM mixed at 11.0 ppg, 3.82 cu. ft./sk.

TAIL:

225 sx of Class G (or equivalent) typically containing accelerator and LCM mixed at 15.8 ppg, 1.15 cu. ft./sk.

*Total estimated slurry volume for the 9.625" surface casing is 956.5 ft<sup>3</sup>. Slurry includes 35% excess of calculated open hole annular volume to 2200'.*

B. Production: 5.5", 17#, N-80 (or equiv.), LT&C casing to be set at ±9025' in 7.875" hole.

LEAD:

±459 sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.6 ppg, 3.12 ft<sup>3</sup>/sk, 17.71 gal wtr/sx.

TAIL:

300 sx Class G or equivalent cement with poz, bonding additive, LCM, dispersant, & fluid loss mixed at 13.0 ppg, 1.75 cuft/sx, 9.09 gal/sx.

*Total estimated slurry volume for the 5.5" production casing is 1958 ft<sup>3</sup>. Slurry includes 15% excess of calculated open hole annular volume.*

*Note: The slurry design may change slightly based upon actual conditions. Final cement volumes will be determined from the caliper logs plus 15% or greater excess. The cement is designed to circulate on surface and intermediate casing strings.*

**5. LOGGING PROGRAM:**

- A. Mud Logger: The mud logger will come on at intermediate casing point and will remain on the hole until TD. The mud will be logged in 10' intervals.
- B. Open Hole Logs as follows: Run Array Induction/SFL/GR/SP fr/TD (9025') to the bottom of the surface csg. Run Neutron/Lithodensity/Pe/GR/Cal from TD (9025') to 2200'.

**6. FORMATION TOPS:**

FORMATION	Sub-Sea Elev. (@SHL)	TVD (@SHL)
Green River	4930	485
Mahogany Bench Mbr.	4185	1,230
Wasatch Tongue	2,260	3,155
Green River Tongue	1,940	3,475
Wasatch*	1,800	3,615
Chapita Wells*	940	4,475
Uteland Buttes	-35	5,450
Mesaverde*	-810	6,225
Castlegate	N/A	N/A
TD**	-3,610	9,025

\* Primary Objective

7. **ANTICIPATED OIL, GAS, & WATER ZONES:**

A.

Formation	Expected Fluids	Well Depth Top
Green River	Water/Oil Shale	485
Mahogoany Bench Mbr.	Water/Oil Shale	1,230
Wasatch Tongue	Oil/Gas/Water	3,155
Green River Tongue	Oil/Gas/Water	3,475
Wasatch*	Gas/Water	3,615
Chapita Wells*	Gas/Water	4,475
Uteland Buttes	Gas/Water	5,450
Mesaverde*	Gas/Water	6,225
Castlegate	Gas/Water	N/A

- B. Appropriately weighted mud will be used to isolate potential gas, oil, and water zones until such time as casing can be cemented into place for zonal isolation.
- C. There are no known potential sources of H<sub>2</sub>S.
- D. Expected bottom hole pressures are between 4100 psi and 4600 psi.
- E. Base of Moderately Saline Water (USGS) at 3810'.

8. **BOP EQUIPMENT:**

Surface will not utilize a bop stack.

Production hole will be drilled with a 3000 psi BOP stack.

Minimum specifications for pressure control equipment are as follows:

Ram Type: 11" Hydraulic double ram with annular, 3000 psi w.p.

Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70% of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10% in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular type preventers (if used) shall be tested to 50% of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above test shall be performed:

- when initially installed:
- whenever any seal subject to test pressure is broken
- following related repairs: and
- at 30 day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) shall be held open or the ball removed.

Annular preventers (if used) shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No.2 for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests. Pressure tests shall apply to all related well control equipment.

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Test pressures for BOP equipment are as follows:

- Annular BOP -- 1500 psi
- Ram type BOP -- 3000 psi
- Kill line valves -- 3000 psi
- Choke line valves and choke manifold valves -- 3000 psi
- Chokes -- 3000 psi
- Casing, casinghead & weld -- 1500 psi
- Upper kelly cock and safety valve -- 3000 psi
- Dart valve -- 3000 psi

Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The BLM in Vernal, UT shall be notified, at least 24 hours prior to initiating the pressure test, in order to have a BLM representative on location during pressure testing.

- a. The size and rating of the BOP stack is shown on the attached diagram.
- b. A choke line and a kill line are to be properly installed.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.
- e. See attached BOP & Choke manifold diagrams.

9. **COMPANY PERSONNEL:**

<u>Name</u>	<u>Title</u>	<u>Office Phone</u>	<u>Home Phone</u>
John Egelston	Drilling Engineer	505-333-3163	505-330-6902
Bobby Jackson	Drilling Superintendent	505-333-3224	505-486-4706
Glen Christiansen	Project Geologist	817-885-2800	

## SURFACE USE PLAN

**Name of Operator:** XTO Energy, Inc.  
**Address:** P.O. Box 1360; 978 North Crescent  
Roosevelt, Utah 84066  
**Well Location:** BPU 3-23H  
704' FNL & 1,934' FWL, NE/4 NW/4,  
Section 23, T11S, R20E, SLB&M, Uintah County, Utah

The surface owner or surface owner representative and dirt contractor will be provided with an approved copy of the surface use plan of operations and approved conditions of approval before initiating construction.

The onsite inspection for the referenced well was conducted on Tuesday, May 15, 2007 at approximately 12:30 pm. In attendance at the onsite inspection were the following individuals:

Ken Secrest	Regulatory Coordinator	XTO Energy, Inc.
Karl Wright	Natural Resource Specialist	BLM – Vernal Field Office
Brandon McDonald	Wildlife Biologist	BLM – Vernal Field Office
Dale Birdwell	HSE Coordinator	Dominion E & P, Inc.
Don Allred	Surveyor	Uintah Engineering and Land Surveying
Randy Jackson	Foreman	Jackson Construction
Billy McClure	Foreman	LaRose Construction
Don Hamilton	Permitting Agent	Buys & Associates, Inc.

1. Location of Existing Roads:

- a. The proposed well site is located approximately 16.46 miles south of Ouray, Utah.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance are necessary to access the Big Pack Unit area. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to the State, County, Tribal or BLM access roads no topsoil striping will occur.
- g. An off-lease federal Right-of-Way may be required for the access road and utility corridor segments that are within the Little Canyon Unit area.

2. Planned Access Roads:

- a. From the existing LCU 14-11H access road a new access is proposed trending east 0.2 miles then south 1.3 miles along new disturbance to the proposed well site. The access crosses one significant drainage.
- b. A road design plan is not anticipated at this time.
- c. The proposed access road will consist of a 24' travel surface within a 30' disturbed area across entirely BLM surface.
- d. BLM approval to construct and utilize the proposed access road is requested with this application.
- e. A maximum grade of 10% will be maintained throughout the project.
- f. No turnouts are proposed since adequate site distance exists in all directions.
- g. Several low-water crossing and no culverts are anticipated. Adequate drainage structures will be incorporated into the road.
- h. No surfacing material will come from federal or Indian lands.
- i. No gates or cattle guards are anticipated at this time.
- j. Surface disturbance and vehicular travel will be limited to the approved location access road.
- k. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards and Guidelines for Oil and Gas Exploration and Development (Gold Book – Fourth Edition - Revised 2007).
- l. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

- a. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

4. Location of Existing and/or Proposed Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Covert Green /Carlsbad Canyon to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162. 7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines

and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.

- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A pipeline corridor containing a single steel gas pipeline and a single steel or poly pipe water pipeline is associated with this application and is being applied for at this time. The proposed pipeline corridor will leave the northwest side of the well site and traverse 1.3 miles north then 0.2 miles west to the existing LCU 14-11H pipeline corridor.
- i. XTO Energy, Inc. also requests permission to upgrade the existing pipeline corridor to contain a single steel gas pipeline and a single steel or poly pipe water pipeline within the previously approved pipeline corridor and traverse between the drilled LCU 14-11H and the LCU Trunk Line along the previously approved route.
- j. The new and upgraded segments of the gas pipeline will be a 12" or less buried line and the water pipeline will be a 12" or less buried line within a 45' wide disturbed pipeline corridor.
- k. Construction of the pipeline corridor will temporarily utilize the 30' disturbed width for the road for a total disturbed width of 75' for the road and pipeline corridors. The use of the proposed well site and access roads will facilitate the staging of the pipeline corridor construction.
- l. XTO Energy, Inc. intends to bury the pipeline where possible and connect the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

- a. No water supply pipelines will be laid for this well.
- b. No water well will be drilled for this well.
- c. Drilling water for this well will be hauled on the road(s) shown in Exhibit B.
- d. Water will be hauled from one of the following sources:
  - o Water Permit # 43-10991, Section 9, T8S, R20E;
  - o Water Permit #43-2189, Section 33, T8S, R20E;
  - o Water Permit #49-2158, Section 33, T8S, R20E;
  - o Water Permit #49-2262, Section 33, T8S, R20E;
  - o Water Permit #49-1645, Section 5, T9S, R22E;
  - o Water Permit #43-9077, Section 32, T6S, R20E;
  - o Tribal Resolution 06-183, Section 22, T10S, R20E;

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from Ute Tribal or BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the southwest side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 16 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
- i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved XTO Energy, Inc. disposal well for disposal.
- k. Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.
- l. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.



- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

- a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.
- b. No camps, airstrips or staging areas are proposed with this application.

9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the northeast.
- c. The pad and road designs are consistent with BLM specification
- d. A pre-construction meeting with responsible company representative, contractors, and the BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters from entering the well site area.
- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- k. Pits will remain fenced until site cleanup.
- l. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface (Interim Reclamation and Final Reclamation):

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours.
- c. Following BLM published Best Management Practices the interim reclamation will be completed within 90 days of completion of the well to reestablish vegetation, reduce dust and erosion and compliment the visual resources of the area.
  - a. All equipment and debris will be removed from the area proposed for interim reclamation and the pit area will be backfilled and re-contoured.
  - b. The area outside of the rig anchors and other disturbed areas not needed for the operation of the well will be re-contoured to blend with the surrounding area and reseeded at 12 lbs /acre with the following native grass seeds:
    - o Hy-Crested Wheat Grass (4 lbs / acre)
    - o Needle and Thread Grass (4 lbs / acre)
    - o Squirrel Tail (4 lbs / acre)
  - c. Reclaimed areas receiving incidental disturbance during the life of the producing well will be re-contoured and reseeded as soon as practical.
- d. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- e. Prior to final abandonment of the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix will be detailed within their approval documents.

11. Surface and Mineral Ownership:

- a. Surface Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.
- b. Mineral Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

12. Other Information:

a. Operators Contact Information:

Title	Name	Office Phone	Mobile Phone	e-mail
Company Rep.	Ken Secrest	435-722-4521	435-828-1450	Ken_Secrest@xtoenergy.com
Agent	Don Hamilton	435-719-2018	435-719-2018	starpoinet@etv.net

- b. Buys & Associates, Inc. has conducted a Class III archeological survey. A copy of the report is attached and has also been submitted under separate cover to the appropriate agencies by Buys & Associates, Inc.
- c. Alden Hamblin has conducted a paleontological survey. A copy of the report is attached and has also been submitted under separate cover to the appropriate agencies by Alden Hamblin.
- d. Our understanding of the results of the onsite inspection are:
  - a. No Threatened and Endangered flora and fauna species were found during the onsite inspection.
  - b. No drainage crossings that require additional State or Federal approval are being crossed.
  - c. Corner 2 will be rounded approximately 20' and rip-rap will be installed to minimize erosion to this corner.

Certification:

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exists; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application and that bond coverage is provided under XTO Energy, Inc's BLM bond UTB-000138. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

Executed this 7<sup>th</sup> day of April, 2008.

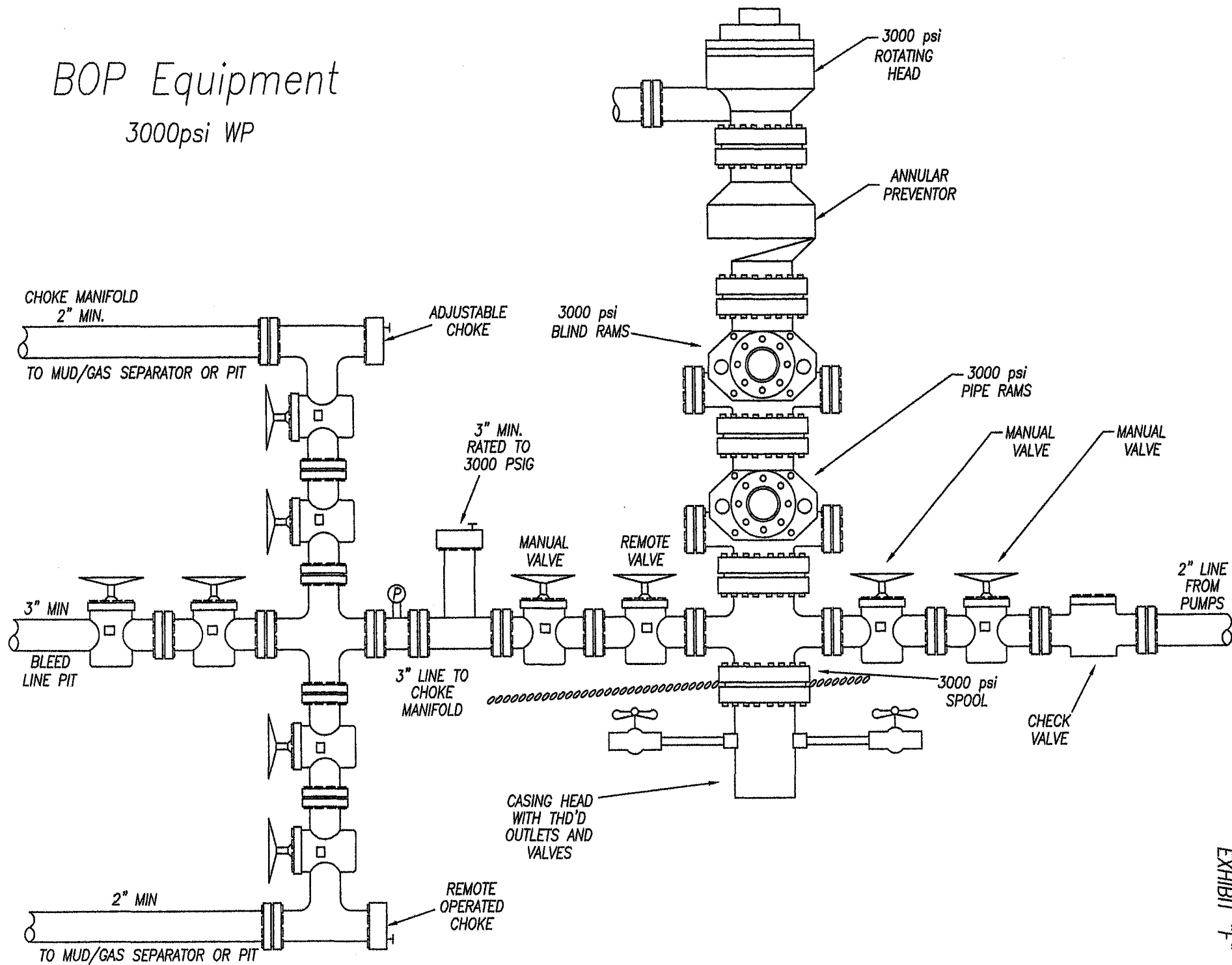
Don Hamilton

Don Hamilton -- Agent for XTO Energy, Inc.  
2580 Creekview Road  
Moab, Utah 84532

435-719-2018  
starpoint@etv.net

# BOP Equipment

3000psi WP



CLASS III CULTURAL RESOURCE INVENTORY OF DOMINION'S PROPOSED BIG  
PACK UNIT LOCATION #3-23H, ASSOCIATED ACCESS ROAD, AND PIPELINE

UINTAH COUNTY, UTAH

Author:

Shina duVall, Cultural Resource Specialist

Prepared for:

Dominion Exploration & Production, Inc.  
1400 North State Street; PO Box 1360  
Roosevelt, UT 84066

Prepared by:

Buys & Associates, Inc. Environmental Consultants  
300 E. Mineral Avenue, Suite 10  
Littleton, CO 80122-2655

Principal Investigator: Jonathan D. Kent, Ph.D  
Field Supervisor: Stephen Snyder

Buys & Associates, Inc. Report No.: U-07-477-06-0016  
State of Utah Project No.: U-07-UY-0810b

July 23, 2007

Utah State Archaeological Survey Permit No.: 85  
United States Department of the Interior Federal Land Policy and Management Act  
(FLPMA) Permit No.: 07UT85002

# PALEONTOLOGY EVALUATION SHEET

---

**PROJECT:** Dominion Wells BCU #3-23H

**LOCATION:** Fifteen miles south of Ouray, Utah. Section 23, 704' FNL 1934' FWL, T11S, R20E, Uintah County, Utah.

**OWNERSHIP:** PRIV[ ☐ ] STATE[ ☐ ] BLM[ ☒ ] USFS[ ☐ ] NPS[ ☐ ] IND[ ☐ ] MIL[ ☐ ] OTHER[ ☐ ]

**DATE:** May 9, 2007

**GEOLOGY/TOPOGRAPHY:** Canyon walls in surrounding area are of the Green River Formation, upper part, Upper Eocene age. The well pad sits on the west side of canyon, part way up the slope. There is a mix of Green River Formation exposures and slope wash.

**PALEONTOLOGY SURVEY:** YES [ ☐ ] NO Survey [ ☐ ] PARTIAL Survey [ ☒ ]  
Exposures of the Green River Formation were surveyed by a pedestrian survey, about 50% of the location.

**SURVEY RESULTS:** Invertebrate [ ☐ ] Plant [ ☐ ] Vertebrate [ ☐ ] Trace [ ☐ ] No Fossils Found [ ☒ ]

**PALEONTOLOGY SENSITIVITY:** HIGH [ ☐ ] MEDIUM [ ☐ ] LOW [ ☒ ] (PROJECT SPECIFIC)

**MITIGATION RECOMMENDATIONS:** NONE [ ☒ ] OTHER [ ☐ ] (SEE BELOW)

No recommendations being made.

There is always some potential for discovery of significant paleontological resources in the Green River Formation. If significant vertebrate fossils (mammals, crocodiles, complete turtle shells, fish, etc.) are encountered during construction, work should stop in that area and a paleontologist should be contacted to evaluate the material discovered.

**PALEONTOLOGIST:** Alden H. Hamblin

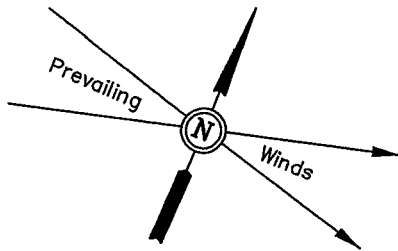
*A.H. Hamblin Paleontological Consulting, 3793 N. Minersville Highway, Cedar City, Utah 84720 (435) 867-8355  
Utah State Paleontological Permit # 04-339, BLM paleontological Resources Permit # UT-S-05-02,  
Ute Tribe Access Permits – 03/31/07 & 09/30/07. Utah Professional Geologist License – 5223011-2250.*

# XTO ENERGY, INC.

## LOCATION LAYOUT FOR

BPU #3-23H  
SECTION 23, T11S, R20E, S.L.B.&M.  
704' FNL 1934' FWL

Proposed Access Road



F-11.8'  
El. 379.2'

SCALE: 1" = 50'  
DATE: 04-12-07  
Drawn By: S.L.  
Revised 3-25-08 D.P.

### NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.

Reserve Pit Backfill & Spoils Stockpile

FLARE PIT

C-10.0'  
El. 401.0'

20' WIDE BENCH

El. 409.5'  
C-26.5'  
(btm. pit)

Total Pit Capacity  
W/2' of Freeboard  
= 10,750 Bbls. ±  
Total Pit Volume  
= 3,120 Cu. Yds.

Sta. 1+10

RESERVE PITS  
(8' Deep)

Sta. 0+47

El. 403.7'  
C-20.7'  
(btm. pit)

20' WIDE BENCH

Reserve Pit Backfill & Spoils Stockpile

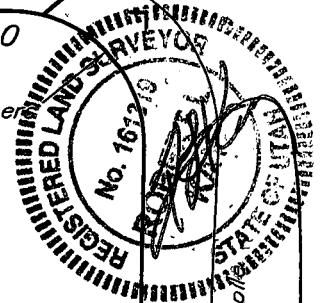
C-0.8'  
El. 391.8'

F-2.2'  
El. 388.8'

F-10.1'  
El. 380.9'

Elev. Ungraded Ground at Location Stake = 5395.7'  
Elev. Graded Ground at Location Stake = 5391.0'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017



Sta. 3+40

Round Corner  
as Needed

Topsail Stockpile

F-13.6'  
El. 377.4'

Approx.  
Toe of  
Fill Slope

Sta. 0+00

Sta. 1+80

65'

175'

166'

27'

38'

5'

180'

55'

135'

DATA

CATWALK

PIPE RACKS

C-6.9'  
El. 397.9'

C-4.7'  
El. 395.7'

RIG DOG HOUSE

WATER

PUMP

MUD SHED

HOPPER

POWER

TOOLS

FUEL

TRASH

C-2.2'  
El. 393.2'

TRAILER

TOILET

FUEL

STORAGE TANK



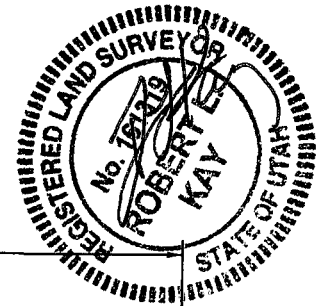
# XTO ENERGY, INC.

## TYPICAL CROSS SECTIONS FOR

BPU #3-23H

SECTION 23, T11S, R20E, S.L.B.&M.

704' FNL 1934' FWL

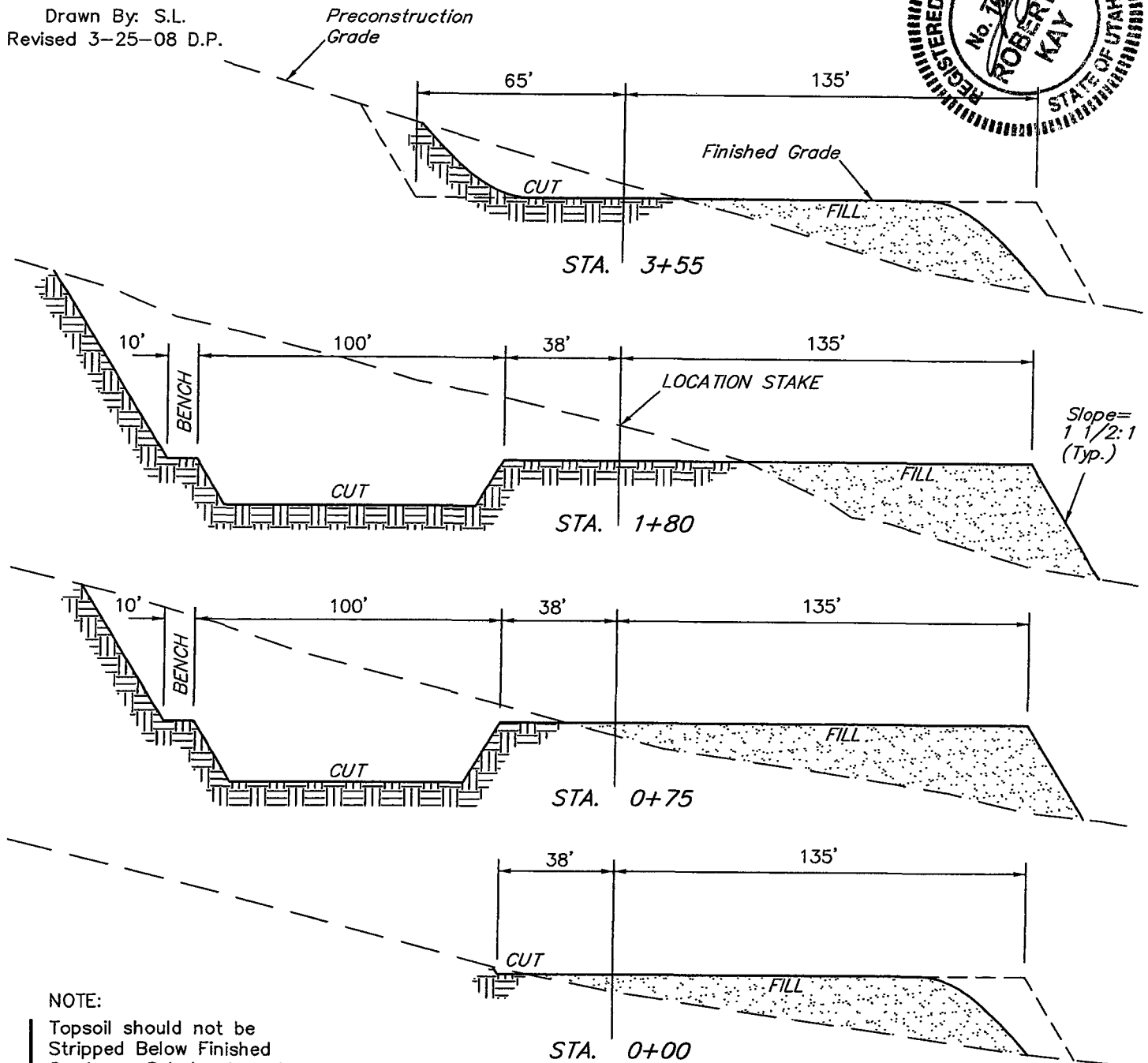


X-Section  
Scale  
1" = 50'

DATE: 04-12-07

Drawn By: S.L.

Revised 3-25-08 D.P.



### NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

### APPROXIMATE YARDAGES

#### CUT

(12") Topsoil Stripping = 2,040 Cu. Yds.

Remaining Location = 15,000 Cu. Yds.

TOTAL CUT = 17,040 CU.YDS.

FILL = 13,440 CU.YDS.

### \* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

EXCESS MATERIAL = 3,600 Cu. Yds.

Topsoil & Pit Backfill (1/2 Pit Vol.) = 3,600 Cu. Yds.

EXCESS UNBALANCE = 0 Cu. Yds. (After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017



# XTO ENERGY, INC.

**BPU #3-23H**

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 23, T11S, R20E, S.L.B.&M.

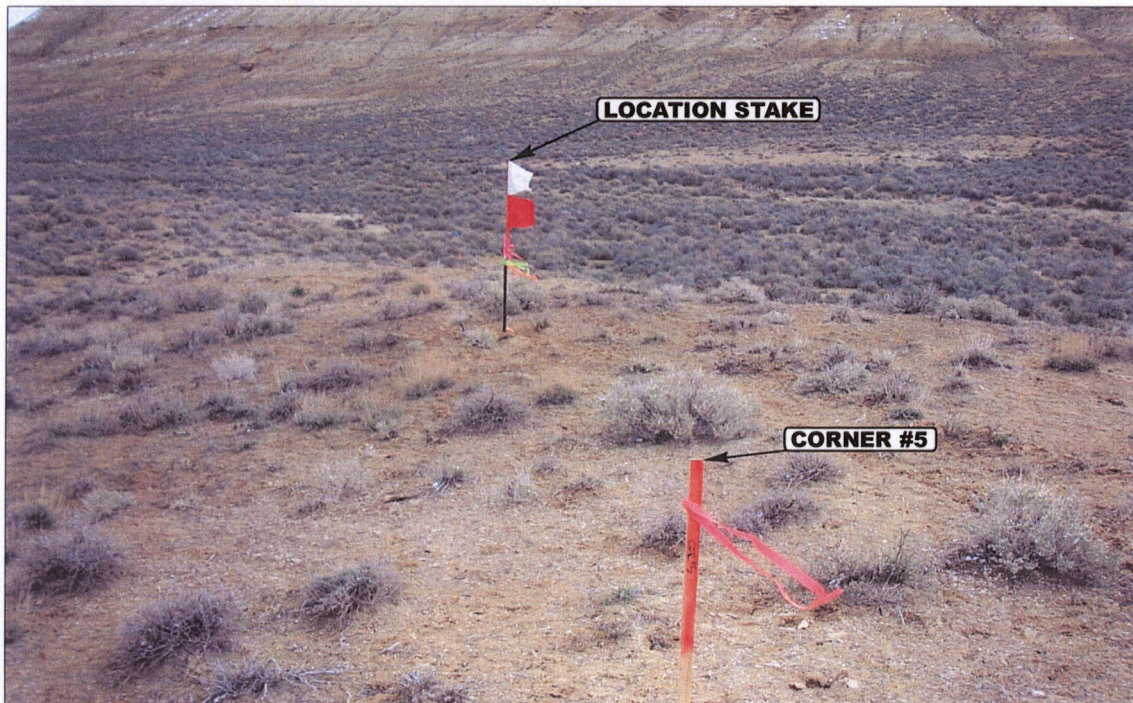


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHERLY



- Since 1964 -

**UELS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

**LOCATION PHOTOS**

**03 30 07**  
MONTH DAY YEAR

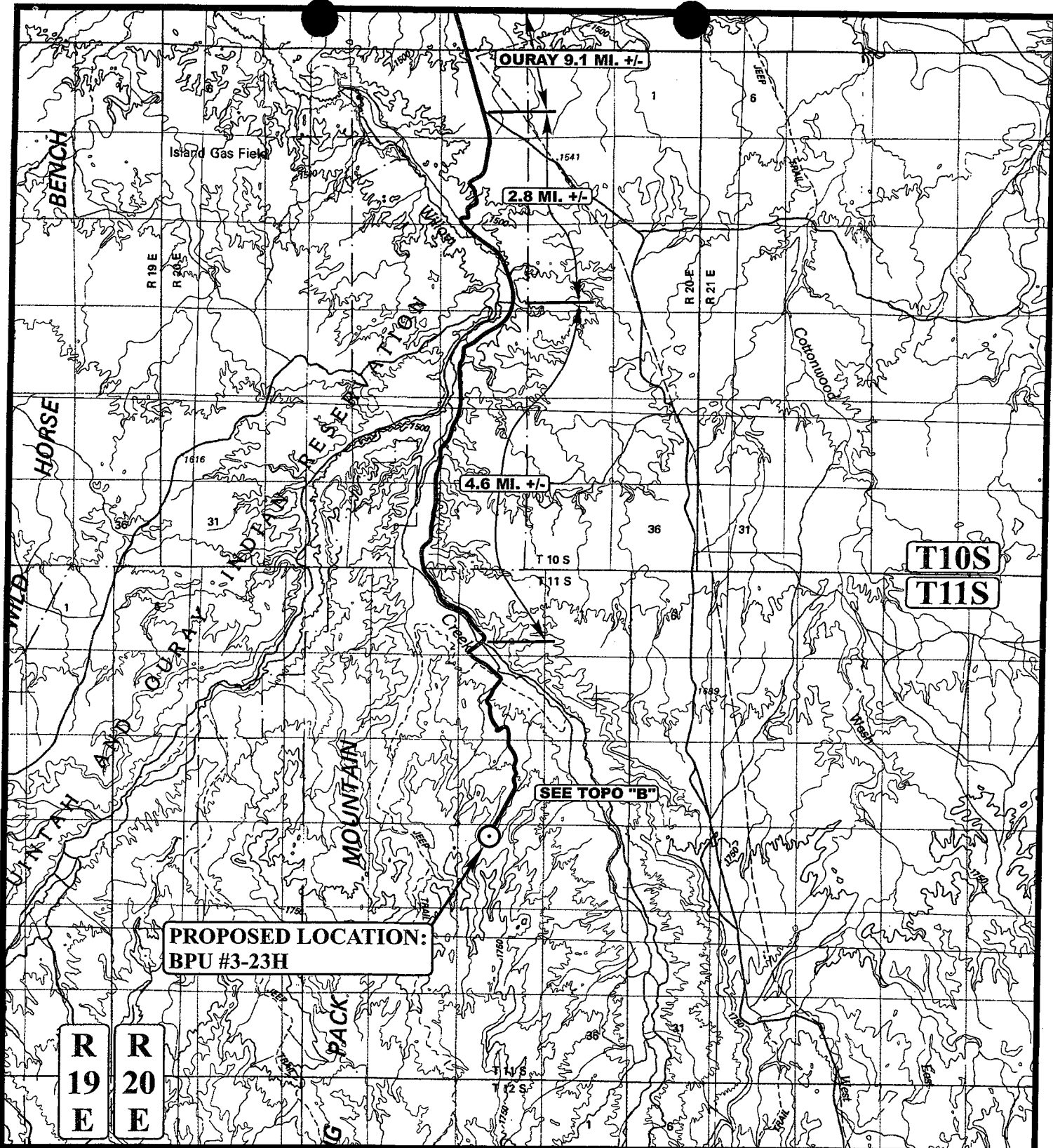
**PHOTO**

TAKEN BY: J.R.

DRAWN BY: A.A.

REV: 3-25-08 GL.





# **LEGEND:**

○ PROPOSED LOCATION

N

**XTO ENERGY, INC.**

**BPU #3-23H**

**SECTION 23, T11S, R20E, S.L.B.&M.**

**704' FNL 1934' FWL**



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

**03 30 07**  
MONTH DAY YEAR

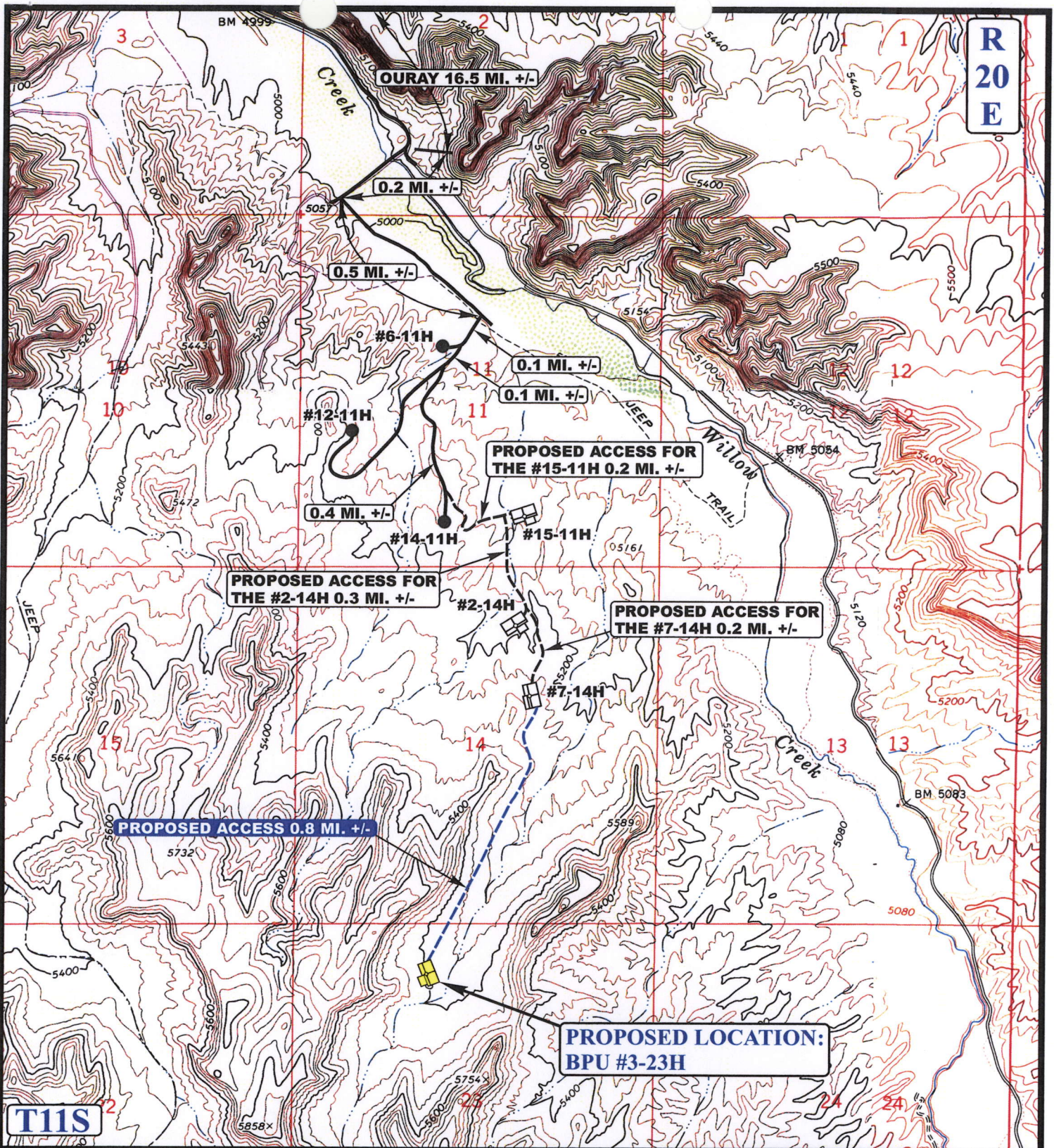
SCALE: 1:100,000

DRAWN BY: A.A.

REV: 3-25-08 GL.







**R  
20  
E**

**T11S**

**LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS ROAD

**XTO ENERGY, INC.**

**BPU #3-23H**  
**SECTION 23, T11S, R20E, S.L.B.&M.**  
**704' FNL 1934' FWL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



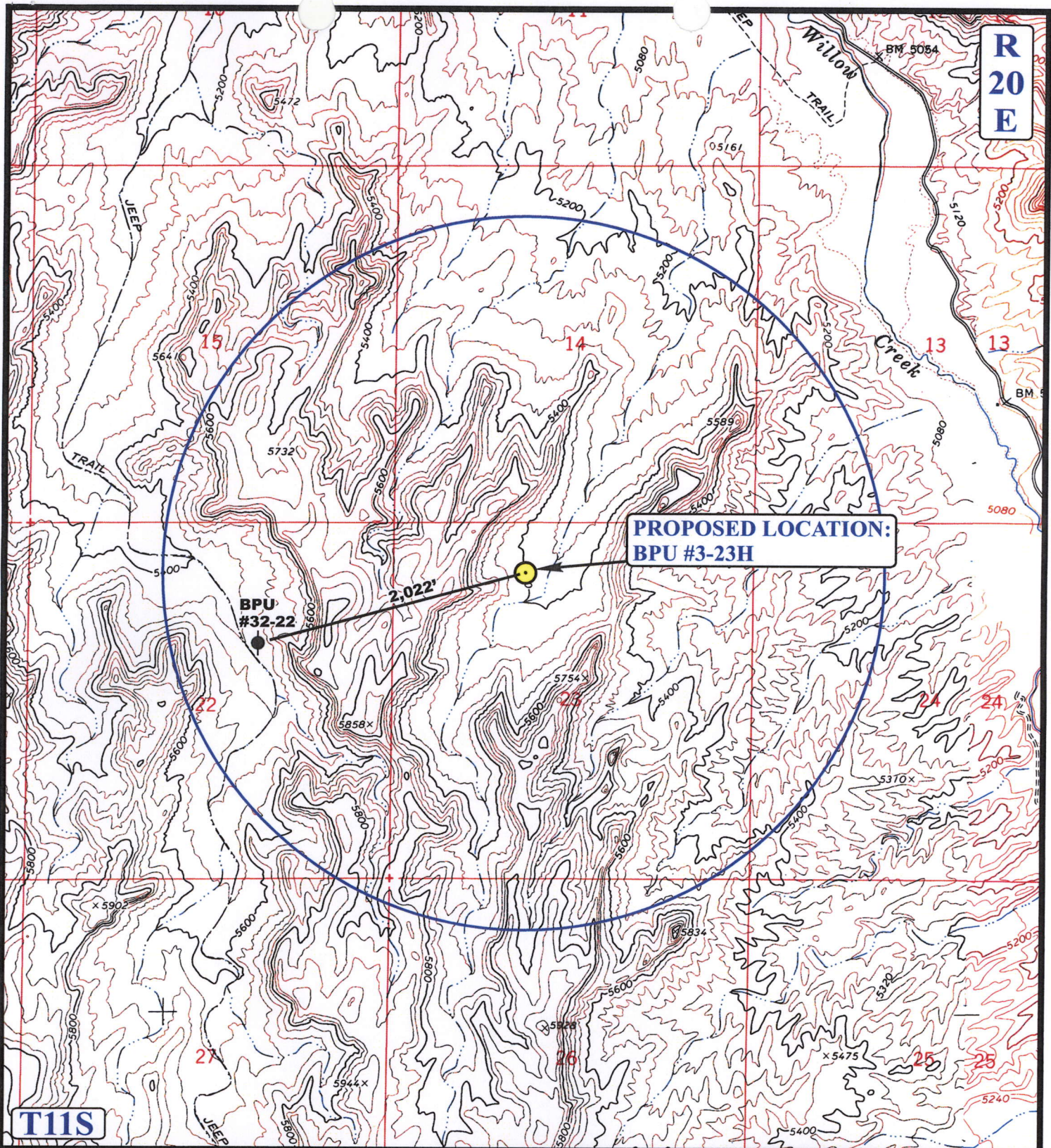
**TOPOGRAPHIC  
MAP**

**03 30 07**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: A.A. REV: 3-25-08 GL.

**B  
TOPO**





**T11S**

**LEGEND:**

- |                   |                         |
|-------------------|-------------------------|
| ⊗ DISPOSAL WELLS  | ⊗ WATER WELLS           |
| ● PRODUCING WELLS | ⊗ ABANDONED WELLS       |
| ⊖ SHUT IN WELLS   | ⊖ TEMPORARILY ABANDONED |

**XTO ENERGY, INC.**

**BPU #3-23H**  
**SECTION 23, T11S, R20E, S.L.B.&M.**  
**704' FNL 1934' FWL**

**UEIS**

**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

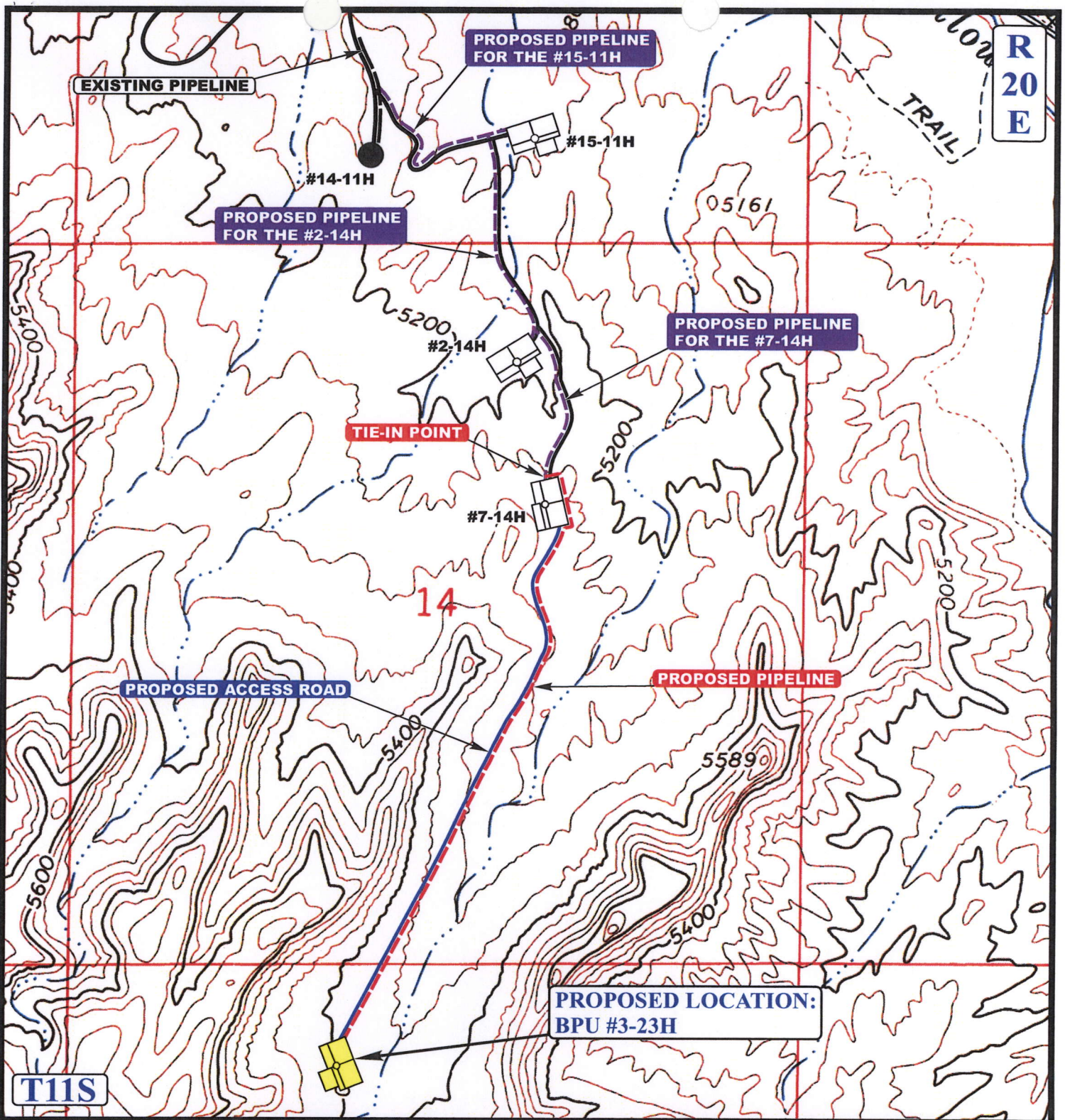
**TOPOGRAPHIC**  
**MAP**

**03 30 07**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: A.A. REV: 3-25-08 GL.

**C**  
**TOPO**





**APPROXIMATE TOTAL PIPELINE DISTANCE = 4,693' +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- - - - PROPOSED PIPELINE
- - - - PROPOSED PIPELINE (SERVICING OTHER WELLS)



**XTO ENERGY, INC.**

**BPU #3-23H**

**SECTION 23, T11S, R20E, S.L.B.&M.**

**704' FNL 1934' FWL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
MAP**

**03 30 07**  
 MONTH DAY YEAR

SCALE: 1" = 1000'

DRAWN BY: A.A.

REV: 3-25-08 GL.

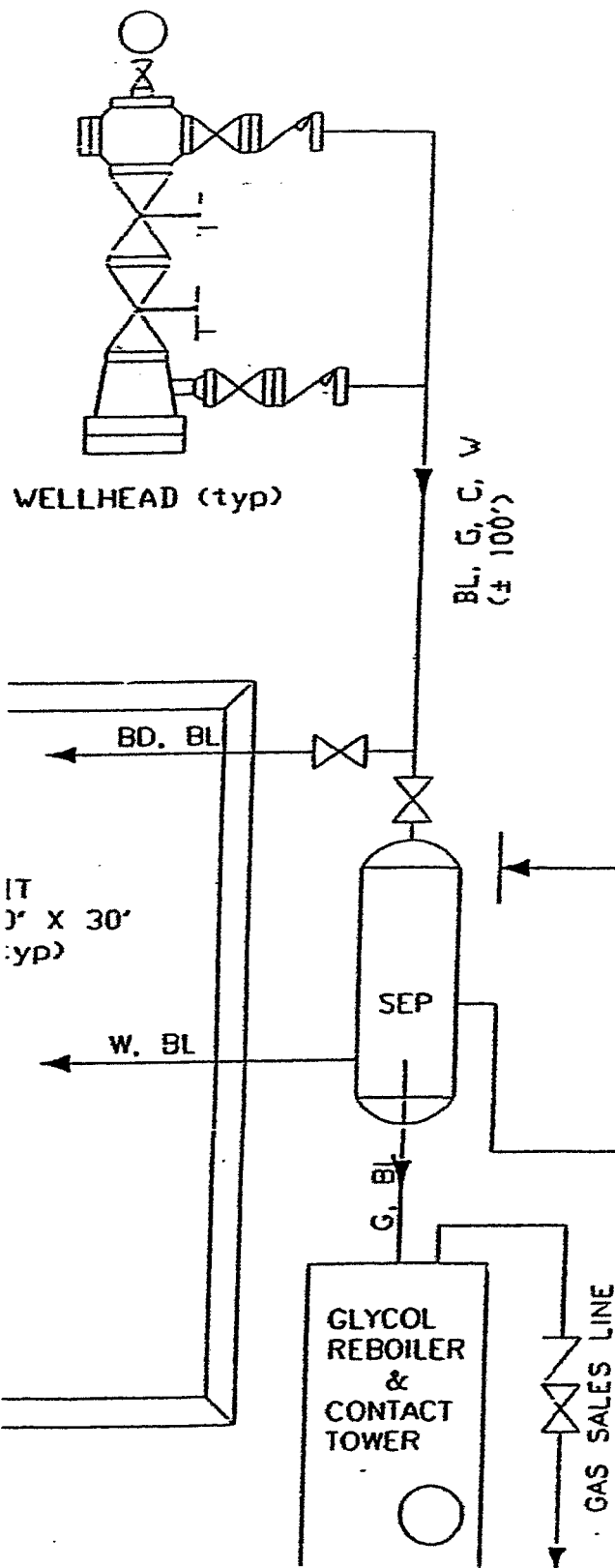
**D  
TOPO**

XTO ENERGY, INC.  
BPU #3-23H  
SECTION 23, T11S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 4.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN WESTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #15-11H TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #2-14H TO THE SOUTH; FOLLOW ROAD FLAGS IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #7-14H TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.8 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 50.3 MMILES.





# LEGEND

O = Oil Line  
 G = Gas Line  
 W = Water Line  
 R = Relief Line (Pressure)  
 C = Condensate Line  
 V = Vent Line  
 D = Drain Line  
 M = Gas Meter  
 P = Pump  
 BP = Back Pressure Valve  
 SWS = Sealed When Shipping  
 SUS = Sealed Unless Shipping  
 T = Heat Traced Line  
 H = Heater  
 BL = Buried Line  
 X = Valve  
 V = Check Valve  
 SC = Sealed Closed Valve  
 NC = Normally Closed  
 BD = Blowdown Line

The site security plan is on file  
 in DEPI's district office located at  
 1400 N. State St., Roosevelt, Utah.  
 It can be inspected during office  
 hours, from 6:30 AM thru 3:30 PM,  
 Monday thru Friday..



**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 04/10/2008

API NO. ASSIGNED: 43-047-40008

WELL NAME: BPU 3-23H

OPERATOR: XTO ENERGY INC ( N2615 )

PHONE NUMBER: 435-722-4521

CONTACT: DON HAMILTON

PROPOSED LOCATION:

NENW 23 110S 200E

SURFACE: 0704 FNL 1934 FWL

BOTTOM: 0704 FNL 1934 FWL

COUNTY: Uintah

LATITUDE: 39.85128 LONGITUDE: -109.6483

UTM SURF EASTINGS: 615639 NORTHINGS: 4411915

FIELD NAME: WILDCAT ( 1 )

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-76267

PROPOSED FORMATION: WSMVD

SURFACE OWNER: 1 - Federal

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTB-000138 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. 43-10991 )  
☒ RDCC Review (Y/N)  
(Date: )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

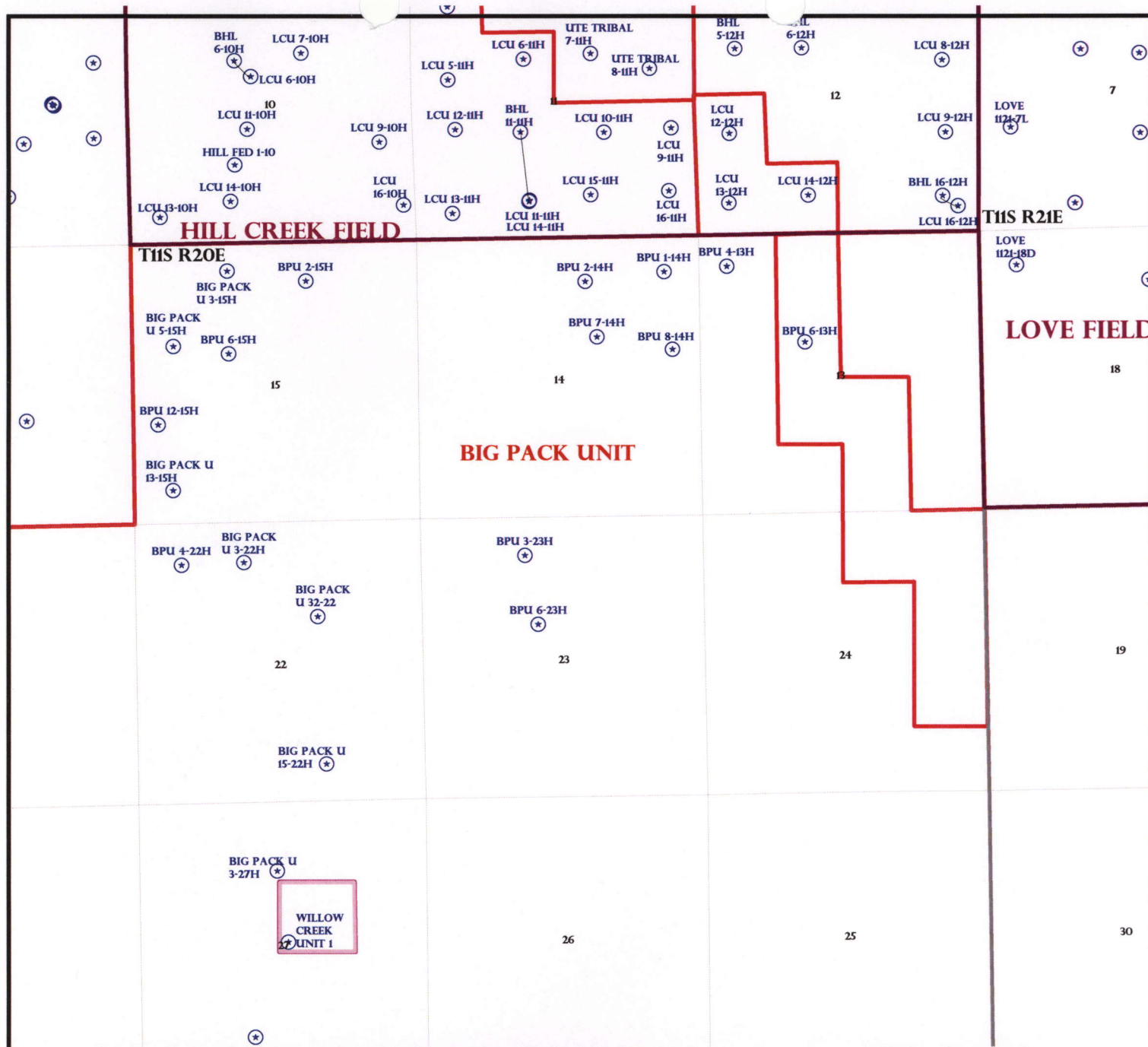
LOCATION AND SITING:

\_\_\_ R649-2-3.  
Unit: BIG PACK *OK*  
☒ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
\_\_\_ R649-3-3. Exception  
\_\_\_ Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_  
\_\_\_ R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

*1- Feder Energy*  
*2 Spacing SHP*



OPERATOR: XTO ENERGY INC (N2615)

SEC: 22,23 T.11S R. 20E

FIELD: WILDCAT (001)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING

#### Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

#### Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

#### Wells Status

- ✱ GAS INJECTION
- ✱ GAS STORAGE
- ✱ LOCATION ABANDONED
- ✱ NEW LOCATION
- ✱ PLUGGED & ABANDONED
- ✱ PRODUCING GAS
- ✱ PRODUCING OIL
- ✱ SHUT-IN GAS
- ✱ SHUT-IN OIL
- ✱ TEMP. ABANDONED
- ✱ TEST WELL
- ✱ WATER INJECTION
- ✱ WATER SUPPLY
- ✱ WATER DISPOSAL
- ✱ DRILLING



PREPARED BY: DIANA MASON  
DATE: 10-APRIL-2008



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

April 14, 2008

XTO Energy, Inc.  
382 Road 3100  
Aztec, NM 87410

Re: BPU 3-23H Well, 704' FNL, 1934' FWL, NE NW, Sec. 23, T. 11 South, R. 20 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-40008.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal Office



**Operator:** XTO Energy, Inc.  
**Well Name & Number** BPU 3-23H  
**API Number:** 43-047-40008  
**Lease:** UTU-76267  
**Location:** NE NW Sec. 23 T. 11 South R. 20 East

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.**

**5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.**

# RECEIVED

Form 3160-3  
(February 2005)

APR 08 2008

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**BLM**

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. <b>UTU-76267</b>
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name <b>N/A</b>
2. Name of Operator <b>XTO Energy, Inc.</b>		7. If Unit or CA Agreement, Name and No. <b>Big Pack Unit</b>
3a. Address <b>PO Box 1360; 978 North Crescent Roosevelt, UT 84066</b>		8. Lease Name and Well No. <b>BPU 3-23H</b>
3b. Phone No. (include area code) <b>435-722-4521</b>		9. API Well No. <b>43 047 40008</b>
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface <b>704' FNL &amp; 1,934' FWL, NE/4 NW/4,</b> At proposed prod. zone		10. Field and Pool, or Exploratory <b>undesignated</b>
14. Distance in miles and direction from nearest town or post office* <b>16.46 miles south of Ouray, Utah</b>		11. Sec., T. R. M. or Blk. and Survey or Area <b>Section 23, T11S, R20E, SLB&amp;M</b>
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) <b>704'</b>	16. No. of acres in lease <b>2,200 acres</b>	17. Spacing Unit dedicated to this well <b>40 acres</b>
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>1,350'</b>	19. Proposed Depth <b>9,025'</b>	20. BLM/BIA Bond No. on file <b>UTB-000138</b>
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>5,396' GR</b>	22. Approximate date work will start* <b>06/15/2008</b>	23. Estimated duration <b>14 days</b>

**24. Attachments**

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, must be attached to this form:

- |  |   |
|--|---|
| 1. Well plat certified by a registered surveyor.   | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan.  | 5. Operator certification   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM.             |

25. Signature <b>Don Hamilton</b>	Name (Printed/Typed) <b>Don Hamilton</b>	Date <b>04/07/2008</b>
-----------------------------------	---	---------------------------

Title  
**Agent for XTO Energy, Inc.**

Approved by (Signature) <b>[Signature]</b>	Name (Printed/Typed) <b>JEAN KENOKA</b>	Date <b>7-2-2008</b>
Title <b>Assistant Field Manager</b>	Office <b>VERNAL FIELD OFFICE</b>	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

## CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

### NOTICE OF APPROVAL

**UDOGH**

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JUL 07 2008

DIV. OF OIL, GAS & MINING

07PP1914A

NOS 4/30/07



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: XTO Energy, Inc.  
Well No: BPU 3-23H  
API No: 43-047-40008

Location: NENW, Sec. 23, T11S, R20E  
Lease No: UTU-76267  
Agreement: Big Pack Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	(435) 828-4029
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

***Surface COAs:***

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

***CONDITIONS OF APPROVAL (COAs) XTO BPU 2-14H, 7-14H, 3-23H, 6-23H  
EA UT-080-08-515***

Surface Conditions of Approval or monitoring are listed in the Surface Use Plan of the APDs

- An Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines will be completed. At a minimum, this will include the Best Management Practice of the reshaping of the pad to the original contour to the extent possible; the re-spreading of the top soil up to the rig anchor points; and, reseeding the area using appropriate reclamation methods.
- The interim seed mix for reclamation will be:

Bottlebrush Squirrel tail grass	<i>Sitanion hystrix</i>	2 lbs. /acre
Needle and Threadgrass	<i>Stipa comata</i>	2 lbs. /acre
Siberian wheatgrass	<i>Agropyron sibericum</i>	2 lbs. /acre
Globe mallow	<i>Sphaeralcea coccinea</i>	0.5 lbs. /acre

<b>Well Number</b>	<b>Other Conditions of Approval agreed to at the onsite</b>
BPU 2-14H	Rip rap from corner 2 past corner B. Install a 36 inch culvert at the access. Double felt the pit with a 16 mill liner.
BPU 7-14H	
BPU 3-23H	The access road will need several low water crossings. Round corner 2 by 20 feet, and rip rap the corner.
BPU 6-23H	Round corner 9 by 25 feet. Rip rap and ditch from corner 8 around corner 9.

- Water right numbers 49-2158 and 49-2262 will take water from the Green River and will require the following mitigation.
  1. The best method to avoid entrainment is to pump from an off-channel location – one that does not connect to the river during high spring flows. An infiltration gallery constructed in a BLM and Service approved location is best.
  2. If the pump head is located in the river channel where larval fish are known to occur, the following measures apply:
    - a. do not situate the pump in a low-flow or no-flow area as these habitats tend to concentrate larval fish;
    - b. limit the amount of pumping, to the greatest extent possible, during that period of the year when larval fish may be present; and
    - c. limit the amount of pumping, to the greatest extent possible, during the pre-dawn hours as larval drift studies indicate that this is a period of greatest daily activity.
  3. Screen all pump intakes with ¼" mesh material.
  4. Report any fish impinged on the intake screen to the Service (801.975.3330) and the Utah Division of Wildlife Resources:
- Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil re-spread over the surface; and, the surface re-vegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding.



### ***DOWNHOLE CONDITIONS OF APPROVAL COAs:***

#### **SITE SPECIFIC DOWNHOLE COAs:**

- A surface casing shoe integrity test shall be performed.
- The production casing cement shall be a minimum of 200 feet above the surface casing shoe. A CBL shall be run from TD to top of cement and a field copy shall be sent to this field office.

The Gamma Ray Log shall be run from TD to surface.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

#### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (1/41/4, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

Spud  
BLM - Vernal Field Office - Notification Form

Operator XTO Rig Name/# Pete Martin #8 Submitted By Rick Oman Phone Number 1-435-828-1456  
Well Name/Number BPU 3-23H  
Qtr/Qtr NENW Section 23 Township 11S Range 20E  
Lease Serial Number UTU-76267  
API Number 43-047-40008

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 11/7/08 10:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time \_\_\_\_\_ AM ☐ PM ☐

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time \_\_\_\_\_ AM ☐ PM ☐

Remarks Spud Conductor.  
Thanks Rick

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DOGM COPY

FORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

XTO ENERGY INC.

3a. Address

382 CR 3100 AZTEC, NM 87410

3b. Phone No. (include area code)

505-333-3100

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

704' ENL x 1934' ENL NENW SEC 23-T11S-R20E

5. Lease Serial No.

UTU-76267

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or No.

BIG PACK UNIT

8. Well Name and No.

BEU 3-23H

9. API Well No.

43-047-40008

10. Field and Pool, or Exploratory Area

UNDESIGNATED

11. County or Parish, State

UTAH

UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off               |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity               |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <u>SPUD</u> |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

XTO Energy Inc., spudded this well on 11/07/2008.

RECEIVED

NOV 13 2008

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

JENNIFER M. HEMBRY

Title FILE CLERK

Signature

Jennifer M. Hembry

Date 11/13/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DOGM COPY

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: XTO ENERGY INC. Operator Account Number: N 2615  
Address: 382 CR 3100  
city AZTEC  
state NM zip 87410 Phone Number: (505) 333-3100

**Well 1**

<b>API Number</b>	<b>Well Name</b>		<b>QQ</b>	<b>Sec</b>	<b>Twp</b>	<b>Rng</b>	<b>County</b>
4304740008	BIG PACK UNIT #3-23H		NENW	23	11S	20E	UINTAH
<b>Action Code</b>	<b>Current Entity Number</b>	<b>New Entity Number</b>	<b>Spud Date</b>		<b>Entity Assignment Effective Date</b>		
A	99999	17217	11/7/2008		11/25/08		
<b>Comments:</b> WS MUD							

**Well 2**

<b>API Number</b>	<b>Well Name</b>		<b>QQ</b>	<b>Sec</b>	<b>Twp</b>	<b>Rng</b>	<b>County</b>
<b>Action Code</b>	<b>Current Entity Number</b>	<b>New Entity Number</b>	<b>Spud Date</b>		<b>Entity Assignment Effective Date</b>		
<b>Comments:</b>							

**Well 3**

<b>API Number</b>	<b>Well Name</b>		<b>QQ</b>	<b>Sec</b>	<b>Twp</b>	<b>Rng</b>	<b>County</b>
<b>Action Code</b>	<b>Current Entity Number</b>	<b>New Entity Number</b>	<b>Spud Date</b>		<b>Entity Assignment Effective Date</b>		
<b>Comments:</b>							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

**RECEIVED**

**NOV 13 2008**

JENNIFER M. HEMBRY

Name (Please Print)

*Jennifer M. Hembry*

Signature

FILE CLERK

Title

11/13/2008

Date



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76267
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: BIG PACK UNIT
PHONE NUMBER: (505) 333-3100		8. WELL NAME and NUMBER: BPU 3-23H
4. LOCATION OF WELL FOOTAGES AT SURFACE: 704' FNL x 1934' FWL		9. API NUMBER: 4304740008
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 23 11S 20E		10. FIELD AND POOL, OR WILDCAT: UNDESIGNATED
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/30/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: DECEMBER 08 MONTHLY REPORT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached is XTO Energy's monthly report for the period of 11/01/2008 thru 11/30/2008.

NAME (PLEASE PRINT) JENNIFER M. HEMBRY TITLE REGULATORY CLERK  
SIGNATURE *Jennifer M. Hembry* DATE 12/5/2008

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DEC 09 2008

DIV. OF OIL, GAS & MINING

# EXECUTIVE SUMMARY REPORT

11/1/2008 - 11/30/2008  
Report run on 12/3/2008 at 3:58 PM

**Big Pack Unit 03-23H - Natural Buttes, 23, 11S, 20E, Uintah, Utah, San Juan, Roosevelt,**

**AFE: 801708**

Objective: Drill & Complete a gas well

Rig Information: Unit Drilling, 111, DP3

11/8/2008      MIRU Pete Martin Rat Hole Drilling. Drill 20" Conductor Hole to 40'. Ran 14" Conductor Pipe Set @ 56.5' KB. Cement To Surface w/ 2 1/2 yds Redimix Cement. Drill And Set Rat And Mouse Hole For Drilling Rig Unit 111. RDMO. MIRU Pete Martin Rat Hole Drilling. Drill 20" Conductor Hole to 40'. Ran 14" Conductor Pipe Set @ 56.5' KB. Cement To Surface w/ 2 1/2 yds Redimix Cement. Drill And Set Rat And Mouse Hole For Drilling Rig Unit 111. RDMO.

11/11/2008      ===== Big Pack Unit 03-23H =====  
MIRU Pro Petro Air Rig #6. Drilled f/40' to 950' GL. Drilling Ahead f/950' GL.  
MIRU Pro Petro Air Rig #6. Drilled f/40' to 950' GL. Drilling Ahead f/950' GL.

11/12/2008      ===== Big Pack Unit 03-23H =====  
Drilled f/950' to 1800' GL. TOOH @ 1560' GL. LD Hammer Bit. PU 12 1/4" Tri Cone Bit. TIH. Deviation Survey @ 1560' GL 1 Degree. Drilling Ahead f/1800' GL.  
Drilled f/950' to 1800' GL. TOOH @ 1560' GL. LD Hammer Bit. PU 12 1/4" Tri Cone Bit. TIH. Deviation Survey @ 1560' GL 1 Degree. Drilling Ahead f/1800' GL.

11/13/2008      ===== Big Pack Unit 03-23H =====  
Drilled f/1800' to 2316.5' KB. Circulate. Deviation Survey @ 2240' 1.50 Degrees. TOOH LD Pipe. PU & Run 9 5/8" J-55 36# ST&C Casing to 2292.40'. Cement Surface Casing To Surface w/Pro Petro. Lead Cement 200 sks 136 bbls 11.0# 3.82 Yield 23.0 gal/sk. Tail Cement 200 sks 42 bbls 15.8# 1.15 yield 5 gal/sk. Top Out Cement 100 sks 21 bbls 15.8# 1.15 yield 5 gal/sk. RDMO Pro Petro. Note: Hit Water @ 1860'.  
Drilled f/1800' to 2316.5' KB. Circulate. Deviation Survey @ 2240' 1.50 Degrees. TOOH LD Pipe. PU & Run 9 5/8" J-55 36# ST&C Casing to 2292.40'. Cement Surface Casing To Surface w/Pro Petro. Lead Cement 200 sks 136 bbls 11.0# 3.82 Yield 23.0 gal/sk. Tail Cement 200 sks 42 bbls 15.8# 1.15 yield 5 gal/sk. Top Out Cement 100 sks 21 bbls 15.8# 1.15 yield 5 gal/sk. RDMO Pro Petro. Note: Hit Water @ 1860'.  
===== Big Pack Unit 03-23H =====

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76267
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: BIG PACK UNIT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 704' FNL x 1934' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 23 11S 20E		8. WELL NAME and NUMBER: BPU 3-23H
PHONE NUMBER: (505) 333-3100		9. API NUMBER: 4304740008
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: UNDESIGNATED
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 12/31/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: DECEMBER 08 MONTHLY REPORT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached is XTO Energy's monthly report for the period of 12/01/2008 thru 12/31/2008.

NAME (PLEASE PRINT) JENNIFER M. HEMBRY	TITLE REGULATORY CLERK
SIGNATURE <i>Jennifer M. Hembry</i>	DATE 1/5/2009

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JAN 12 2009  
DIV. OF OIL, GAS & MINING

# EXECUTIVE SUMMARY REPORT

12/1/2008 - 12/31/2008  
Report run on 1/2/2009 at 1:18 PM

## Big Pack Unit 03-23H - Big Pack Unit 03-23H

Section 23-11S-20E, Uintah, Utah, Roosevelt

Objective: Drill & Complete a gas well

Date First Report: 11/7/2008

Last Casing String: Casing Hanger, 12/16/2008

Method of Production:

12/3/2008 NO ACCIDENTS NO INCIDENTS LAST 24 HRS TEAR OUT RIG, MAKE READY FOR  
TRUCKS TO MOVE FROM RBU 05-17E TO BPU 3-23F  
NO ACCIDENTS NO INCIDENTS LAST 24 HRS TEAR OUT RIG, MAKE READY FOR  
TRUCKS TO MOVE FROM RBU 05-17E TO BPU 3-23F  
----- Big Pack Unit 03-23H -----  
12/4/2008 NO ACCIDENTS NO INCIDENTS LAST 24 HRS  
164 MANHOURS  
----- Big Pack Unit 03-23H -----  
12/5/2008 RIG UP, WAIT ON BRIDLE LINE TO RAISE DERRICK CRANE KINKED BRIDLE LINE  
WHILE TAKING DERRICK OFF OF SUB.  
RIG UP, WAIT ON BRIDLE LINE TO RAISE DERRICK CRANE KINKED BRIDLE LINE  
WHILE TAKING DERRICK OFF OF SUB.  
----- Big Pack Unit 03-23H -----  
12/6/2008 RIG UP TEST BOPE TEST EVERYTHING EXCEPT HYDRIL AND CASING TO  
5000psi/10 MIN (HYDRIL @ 2500 AND CASING @ 1500/30 MIN) P/U BHA  
RIG UP TEST BOPE TEST EVERYTHING EXCEPT HYDRIL AND CASING TO  
5000psi/10 MIN (HYDRIL @ 2500 AND CASING @ 1500/30 MIN) P/U BHA  
----- Big Pack Unit 03-23H -----  
12/7/2008 P/U DRILLSTRING DRILL CEMENT, FLOAT COLLAR, & SHOE DRILL FROM  
2316 TO 2434 @ 39.33 FT/HR WOB 15 RPM 45 GPM 412 SURVEY @  
2359 (1 DEGREE) DRILL FROM 2434 TO 3367 @ 81.13 FT/HR WOB 18 RPM  
55 GPM 450 SURVEY @ 3195 (2 DEGREES)  
----- Big Pack Unit 03-23H -----  
12/8/2008 NO ACCIDENTS, NO INCIDENTS LAST 24 HRS DRILL FROM 3367 TO 3768 @ 72.9  
FT/HR WOB 18 RPM 55 GPM 450 SURVEY @ 3695 (1.25 DEGREES)  
RIG SERVICE DRILL FROM 4046 TO 4853 @ 62.07 FT/HR WOB 18 RPM 55  
GPM 450  
LAST SURVEY 1.25 DEGREES @ 3695 VIS 38 WT 9.1 TOOK GAS KICK @  
4240, PUT ON BUSTER (30 FT FLARE)  
----- Big Pack Unit 03-23H -----  
12/9/2008 NO ACCIDENTS, NO INCIDENTS LAST 24 HRS DRILL FROM 4853 TO 5441 @ 65.33  
FT/HR WOB 18 RPM 55 GPM 450 SURVEY @ 5366 (1.75 DEGREES)  
RIG SERVICE DRILL FROM 5441 TO 5821 @ 36.19 FT/HR WOB 18 RPM 55  
GPM 450 TOH FOR BIT  
LAST SURVEY 1.75 DEGREES @ 5366 VIS 43 WT 9.4  
----- Big Pack Unit 03-23H -----  
12/10/2008 NO ACCIDENTS, NO INCIDENTS LAST 24 HRS TOH FOR NEW BIT & MOTOR  
RIG SERVICE TIH WITH NEW BIT & MOTOR TO 5720 WASH & REAM 100 FT  
TO BOTTOM (10 FT OF FILL) DRILL FROM 5821 TO 6404 @ 34.29FT/HR WOB  
18 RPM 55 GPM 450  
LAST SURVEY 1.75 DEGREES @ 5733 VIS 43 WT 9.4 WATER  
LOSS 10  
----- Big Pack Unit 03-23H -----  
12/11/2008 NO ACCIDENTS, NO INCIDENTS LAST 24 HRS DRILL FROM 6404 TO 6809 @ 36.81  
FT/HR WOB 22 RPM 55 GPM 450 SURVEY (2 DEGREES) DRILL  
FROM 6809 TO 7260 @ 36.08 FT/HR WOB 25 RPM 55 GPM 450  
LAST SURVEY 2 DEGREES @ 6809

# EXECUTIVE SUMMARY REPORT

12/1/2008 - 12/31/2008  
Report run on 1/2/2009 at 1:18 PM

===== Big Pack Unit 03-23H =====  
12/12/2008 NO ACCIDENTS, NO INCEDENTS LAST 24 HRS DRILL FROM 7260 TO 7610 @ 41.17  
FT/HR WOB 25 RPM 55 GPM 450 RIG SERVICE DRILL FROM  
7610 TO 7793 @ 28.15 FT/HR WOB 25 RPM 55 GPM 450 RIG REPAIR  
WORK ON #1 MUDPUMP DRILL FROM 7793 TO 7815 @ 22 FT/HR WOB 25 RPM  
55 GPM 450 CIRCULATE BOTTOMS UP TOH FOR MOTOR & BIT  
LAST SURVEY 2.75 DEGREES @ 7745

===== Big Pack Unit 03-23H =====  
12/13/2008 NO ACCIDENTS, NO INCIDENTS LAST 24 HRS P/U NEW MOTOR & BIT, TIH TO  
7725 WASH & REAM 90 FT TO BOTTOM (NO FILL) DRILL FROM 7815 TO  
8259 @ 23.36 FT/HR WOB 25 RPM 55 GPM 450  
LAST SURVEY 2.75 DEGREES @ 7745 VIS 42 WT 9.5 WATER LOSS 8.6

===== Big Pack Unit 03-23H =====  
12/14/2008 NO ACCIDENTS, NO INCIDENTS LAST 24 HRS DRILL FROM 8259 TO 8358 @ 11  
FT/HR WOB 25 RPM 55 GPM 450 TOH FOR BIT RETRIEVE  
SURVEY FROM MOTOR, SWAP OUT BIT TIH TO TOP OF WASATCH FILL  
PIPE TIH TO 8259 WASH & REAM 100 FT TO BOTTOM (NO FILL)  
DRILL FROM 8358 TO 8420 @ 30.5 FT/HR WOB 15 RPM 50 GPM 475  
LAST SURVEY 3 DEGREES @ 8274 VIS 43 WT 9.0 WATER LOSS 11.2

===== Big Pack Unit 03-23H =====  
12/15/2008 NO ACCIDENTS, NO INCIDENTS LAST 24 HRS DRILL FROM 8420 TO 8855 @ 62.14  
FT/HR WOB 15 RPM 50 GPM 475 RIG SERVICE DRILL FROM  
8855 TO 9071 @ 13.09 FT/HR WOB 20 RPM 50 GPM 475  
LAST SURVEY 3 DEGREES @ 8274 VIS 42 WT 9.2 WATER LOSS 11.2

===== Big Pack Unit 03-23H =====  
12/16/2008 NO ACCIDENTS, NO INCIDENTS LAST 24 HRS DRILL FROM 9071 TO 9252 @ 19.05  
FT/HR WOB 20 RPM 50 GPM 455 RIG SERVICE DRILL FROM  
9252 TO 9350 @ 28 FT/HR WOB 20 RPM 50 GPM 455 CIRCULATE &  
CONDITION HOLE FOR OPEN HOLE LOGS TOH FOR LOGS WAIT ON WIRELINE  
TRUCK  
LAST SURVEY 2 DEGREES @ 9302 VIS 42 WT 9.2 WATER LOSS 11.2

===== Big Pack Unit 03-23H =====  
12/17/2008 NO ACCIDENTS, NO INCIDENTS LAST 24 HRS R/D INOPERABLE LOGGING TRUCK  
TIH WITH BHA WAIT ON BACK UP LOGGING TRUCK TOH FOR LOGS  
LOGGING TIH TO L/D DRILL STRING WASH & REAM 60 FT TO BOTTOM (NO  
FILL)  
LOGS TO 9344

===== Big Pack Unit 03-23H =====  
12/18/2008 NO ACCIDENTS, NO INCIDENTS LAST 24 HRS CIRCULATE BOTTOMS UP, S/M & R/U  
LAYDOWN MACHINE PUMP HIGH VIS SWEEPS, BRING MUD WEIGHT UP WORK TIGHT  
HOLE L/D DRILLSTRING RIG REPAIR (MAIN DRUM BEARING BOLTS CAME  
LOOSE AND NEEDED RETORQUED ) WASH & REAM TO BOTTOM R/U LAYDOWN  
MACHINE L/D DRILLSTRING BREAK KELLY L/D BHA  
HOLE STARTED SLOUGHING WHEN WE ATTEMPTED TO L/D DRILLSTRING. BROUGHT VIS UP  
TO 70 & WT UP TO 9.6, CLEANED HOLE UP, AND HOLE WAS EXCELLENT SHAPE FROM THAT  
POINT ON. 5 HOURS RIG REPAIR

===== Big Pack Unit 03-23H =====  
12/19/2008 NO ACCIDENTS, NO INCIDENTS LAST 24 HRS L/D BHA, PULL WEAR BUSHING  
RUN PRODUCTION CASING WAIT ON CEMENTERS (BULK TRUCK AIR BRAKES FROZE  
UP ON WAY TO JOB) S/M & R/U CEMENTERS, CEMENT PRODUCTION CASING  
NIPPLE DOWN BOPE CLEAN MUD PITS

# EXECUTIVE SUMMARY REPORT

12/1/2008 - 12/31/2008  
Report run on 1/2/2009 at 1:18 PM

CEMENT AS FOLLOWS: 20 BBL MUD FLUSH, 20 BBLS H2O, 88.4 BBLS LEAD CEMENT  
(130sx - 11.0lb - 3.82 YIELD - 23GAL/SK), 355.8 BBLS TAIL CEMENT (1080sx -  
13.0lb - 1.85 YIELD - 9.75 GL/SK), 220 BBLS DISPLACEMENT FINAL  
CIRCULATING PRESSURE: 2000 BUMPED PLUG @ 2500 (FLOAT HELD) FULL  
RETURNS THROUGHOUT CEMENT JOB

CEMENT BULK TRUCK BROKE DOWN ON WAY TO LOCATION, SO CEMENTERS WERE 3 HRS LATE

12/20/2008

===== Big Pack Unit 03-23H =====  
rig down, make ready for trucks to stack out  
rig down, make ready for trucks to stack out

12/21/2008

===== Big Pack Unit 03-23H =====  
RIG DOWN, MOVE RIG TO STACK OUT LOCATION, SEPERATE & RETURN RENTAL TOOLS &  
EQUIPMENT  
RIG DOWN, MOVE RIG TO STACK OUT LOCATION, SEPERATE & RETURN RENTAL TOOLS &  
EQUIPMENT

156 MANHOURS

12/30/2008

===== Big Pack Unit 03-23H =====  
MIRU CHS WLU. RIH w/ 4.65"OD GR & tgd @ 9,228' FS. POH w/ tls. RIH w/  
GR/CCL/CBL logging tls. Tgd @ 9,228' FS. Run CBL under 750 psig fr/ 9,228'-  
surf.. Log indic TOC @ 200 '. PT csg. to 2500 psig for 30" & 5000 psig for  
10". Tst gd. POH & LD logging tls. RDMO WL. SWI & SDFN. Rpts suspd until  
further activity.

===== Big Pack Unit 03-23H =====

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**DOGM COPY**

FORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**XTO ENERGY INC.**

3a. Address

**382 CR 3100 AZTEC, NM 87410**

3b. Phone No. (include area code)

**505-333-3100**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**704' FNL & 1,934' FWL NEW SEC 23-T11S-R20E**

5. Lease Serial No.

**UTU-76267**

6. If Indian, Allottee or Tribe Name

**N/A**

7. If Unit or CA/Agreement, Name and/or No.

**BIG PACK UNIT**

8. Well Name and No.

**BPU 3-23H**

9. API Well No.

**43-047-40008**

10. Field and Pool, or Exploratory Area

**WILDCAT**

**WASATCH-MESAVERDE**

11. County or Parish, State

**UINTAH**

**UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                       |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                       |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <b>1ST DELIVERY</b> |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

**XTO Energy Inc. first delivered this well to Questar Gas Management @ 1630 hours on Monday, 2/9/2009.**

**IFR 1,500 MCFPD.**

**XTO allocation meter #RS1588RF.**

**RECEIVED**

**FEB 10 2009**

**DIV. OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**BARBARA A. NICOL**

Title **REGULATORY CLERK**

Signature

*Barbara A. Nicol*

Date **2/10/2009**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**DOGM COPY**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DOGM COPY

FORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,  
Other \_\_\_\_\_

2. Name of Operator

XTO Energy Inc.

3. Address

382 CR 3100 Aztec, NM 87410

3a. Phone No. (include area code)

505-333-3100

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface 704' FNL & 1,934' FWL

At top prod. interval reported below

At total depth SAME

14. Date Spudded

11/7/2008

15. Date T.D. Reached

12/15/2008

16. Date Completed

2/9/2009☐ D & A ☒ Ready to Prod.18. Total Depth: MD  
TVD9350'19. Plug Back T.D.: MD  
TVD9281'20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

CBL; CZ-D/CNL/GR/CL; DL/CZ-D/CNL/GR/CL; DL/GR/CL22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run ☒ No ☐ Yes (Submit report)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt.(#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20"	14/A252A	36.75#	0	56.5		62.5/Redimix		SURF	
12-1/4"	9.6/J-55	36#	0	2292.4		500/Premium		SURF	
7-7/8"	5.5/N-80	17#	0	9316		130/Type V		200'	
"	"	"	"	"		1080/PremLt.		"	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH-MSVD	4211'	8723'	4211' - 8723'	0.36"	104	OPEN
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
4211' - 8723'	A. w/4,250 gals of 7-1/2% NEFE HCL acid. Frac'd w/66,754 gals wtr, 65Q-70Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 267,700# Premium White 20/40 sd, coated w/Expedite Lite.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
2/9/09	2/15/09	24	→	16	1446	48			FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
18/64"		1140	→	16	1446	48		PRODUCING	

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on page 2)

DOGM COPY



## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

## 28c. Production-Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

TO BE SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GREEN RIVER	467
				MAHOGENY BENCH	1217
				WASATCH TONGUE	3157
				UTELAND LIMESTONE	3490
				WASATCH	3622
				CHAPITA WELLS	4230
				UTELAND BUTTE	5530
				MESAVERDE	6332
				CASTLEGATE	8937
				BLACKHAWK	9166

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) BARBARA A. NICOLTitle REGULATORY CLERK

Signature

Barbara A. NicolDate 2/27/2009

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

UTU-76267

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

N/A

7. UNIT or CA AGREEMENT NAME:

BIG PACK UNIT

8. WELL NAME and NUMBER:

BIG PACK UNIT 3-23H

9. API NUMBER:

4304740008

10. FIELD AND POOL, OR WILDCAT:

UNDESIGNATED

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

2. NAME OF OPERATOR:

XTO ENERGY INC.

3. ADDRESS OF OPERATOR:

382 CR 3100

CITY AZTEC

STATE NM

ZIP 87410

PHONE NUMBER:

(505) 333-3100

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 704' FNL x 1934' FEL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 23 11S 20E S

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT  
(Submit in Duplicate)

Approximate date work will start:

☒ SUBSEQUENT REPORT  
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: February 09

MONTHLY REPORT

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached is XTO Energy's monthly report for the period of 2/1/2009 thru 2/28/2009

NAME (PLEASE PRINT) EDEN FINE

TITLE REGULATORY CLERK

SIGNATURE

DATE 3/3/2009

(This space for State use only)

RECEIVED  
MAR 09 2009

DIV. OF OIL, GAS & MINING

# EXECUTIVE SUMMARY REPORT

2/1/2009 - 2/28/2009  
Report run on 3/3/2009 at 10:31 AM

## Big Pack Unit 03-23H

Section 23-11S-20E, Uintah, Utah, Roosevelt

Objective: Drill & Complete a gas well

Date First Report: 11/7/2008

Method of Production: Flowing

2/5/2009

SICP 0 psig. MIRU HES and CHS WLU. Held safety mtg & PT all surface lines to 7,500 psig, held gd. BD MV stg #1 perfs w/2% KCL wtr and EIR. A. MV perfs fr/8,407' - 8,723' w/750 gals of 7-1/2% NEFE HCL ac and 38 RCN BS @ 12 bpm dwn 5-1/2" csg. ISIP 2,980 psig, surge balls off perfs, wait 5". Fracd MV stg #1 perfs fr/8,407' - 8,723', dwn 5-1/2" csg w/14,639 gals wtr, 65Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCL wtr carrying 56,100# Premium White 20/40 sd, coated w/Expedite Lite. Max sd conc 3 ppg, ISIP 3,248 psig, 5" SIP 2,989 psig, used 690,000 mscf of N2, ATP 4,778 psig, 349 BLWTR. RIH & set 6K CFP @ 8,370'. PT plg to 6,000 psig, gd tst. RIH w/3-1/8" csg guns loaded w/Titan EXP-3323-361T, 22.7 gm chrgs. Perf MV stage #2 intv fr/8,108' - 8,116', 8,158' - 8,162', 8,204' - 8,206', 8,211' - 8,215', 8,255' - 8,258' w/2 JSPF (120 deg phasing, 0.36" EHD, 35.6 pene., 43 holes). (28 BBLS fl ppd between stgs). BD MV stg #2 perfs w/2% KCL wtr and EIR. A. MV perfs f/8,108' - 8,258' w/1,500gals of 7-1/2% NEFE HCL acid and 71 RCN BS @ 12 bpm dwn 5-1/2" csg. ISIP N/A psig, surge balls off perfs, wait 5". Fracd MV stg #2 perfs fr/8,108' - 8,258', dwn 5-1/2" csg w/38,966 gals wtr, 65Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCL wtr carrying 153,700# Premium White 20/40 sd, coated w/Expedite Lite. Max sd conc 3 ppg, ISIP 3,670 psig, 5" SIP 3,601 psig, used 1,689,000 mscf of N2, ATP 5,533 psig, 928 BLWTR. RIH & set 6K CBP @ 5,700'. PT plg to 6,000 psig, gd tst. RIH w/3-1/8" csg guns loaded w/Titan EXP-3323-361T, 22.7 gm chrgs. Perf WA stage #3 intv fr/4,211' - 4,222', & 4,633' - 4,639' w/2 JSPF (120 deg phasing, 0.36" EHD, 35.63" pene., 36 holes). POH & LD perf guns. BD WA stg #3 perfs w/2% KCL wtr and EIR. A. MV perfs fr/4,211' - 4,639' w/2,000 gals of 7-1/2% NEFE HCL ac and 54 RCN BS @ 12 bpm dwn 5-1/2" csg. ISIP 3,790 psig, surge balls off perfs, wait 5", (8 BBLS fl ppd between stgs). Fracd WA stg #3 perfs fr/4,211' - 4,633', dwn 5-1/2" csg w/13,149 gals wtr, 70Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCL wtr carrying 57,900# Premium White 20/40 sd, the 4 ppg sd coated w/Expedite Lite. Max sd conc 4 ppg, ISIP 3,694 psig, 5" SIP 3,225 psig, used 939,000 mscf of N2, ATP 5,534 psig, 313 BLWTR. Note: Flshd last stg w/50Q N2. SWI & RDMO frac equip & WLU. SDFN. 1,626 BLWTR ttl.

Big Pack Unit 03-23H =====

2/6/2009

MIRU Breco 2 phase sep. OWU 12:00 pm 2-6-09. SICP 3000 psig. FCP 3000-1950 psig, 18/64" ck. F. 0 BO, 185 BLW, 5 hrs. 2503 BLWTR.  
Flowback

===== Big Pack Unit 03-23H =====

2/7/2009

FCP 1950 psig. FCP 1950 - 675 psig, 24-20/64" ck. F. 0 BO, 713 BLW, 24 hrs. 1790 BLWTR. Gas test @ 8:00 am today: N2 - 24%. BTU- 936. SG - .7832 @ 75°F SINCE 3:00 AM ALL GAS WAS TURNED TO & FLARED.  
Next gas test 2-8-09 8:00 a.m.  
Flowback

Big Pack Unit 03-23H =====

2/8/2009

FCP 710 psig. FCP 675-710 psig, 20/64" ck. F. 0 BO, 127 BLW, 24 hrs. 1663 BLWTR. Gas test @ 8:00 a.m. today: N2 - 11%. BTU- 989. SG - .6637 @ 60°F. ALL GAS WAS TURNED TO & FLARED.  
Next gas test 2-9-09 8:00am  
Flowback

===== Big Pack Unit 03-23H =====

# EXECUTIVE SUMMARY REPORT

2/1/2009 - 2/28/2009  
Report run on 3/3/2009 at 10:31 AM

2/9/2009 OWU @ 5:00 am on 2/9/09. SICP 1825 psig. FCP 1825-950 psig. ON 20 / 64 CK. F 56 BLW & 0 BO 12 hrs. 1607 BLWTR. Gas test @ 8:00 am today: N2 - 6%. BTU- 1041. SG - .6416 @ 60°F All gas was flared till well was turned to sales @ 4:00 pm 2/9/2009.  
TURN to PRODUCTION

2/10/2009 ===== Big Pack Unit 03-23H =====  
The Big Pack Unit 3-23H was first delivered to Questar Gas Management through the Waynes CK CDP @ 4:30 p.m., Monday, 2/9/09. IFR 1,500 MCF. This well is on Route #209. This is a WA/MV well. Accounting #166416. XTO allocation Meter # RS1588RF.  
RTU Group 10 Address 100. Waynes Check CDP Meter #387989. Tank #H1253.  
First Delivery

Casey Sprouse

Consultant

435-790-2004

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-76267			
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  			
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>7. UNIT or CA AGREEMENT NAME:</b> BIG PACK			
<b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 87410		<b>8. WELL NAME and NUMBER:</b> BPU 3-23H			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0704 FNL 1934 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 23 Township: 11.0S Range: 20.0E Meridian: S		<b>9. API NUMBER:</b> 43047400080000			
<b>PHONE NUMBER:</b> 505 333-3159 Ext		<b>9. FIELD and POOL or WILDCAT:</b> WILDCAT			
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH			
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/15/2009  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: PWOP         </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: PWOP
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: PWOP			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  XTO Energy Inc. intends to put this well on pump with the intent of increasing production. Please see the attached procedure.					
<div style="text-align: right;"> <b>Accepted by the Utah Division of Oil, Gas and Mining</b>   <b>Date:</b> <u>September 29, 2009</u>  <b>By:</b> <u><i>Dan K. Quist</i></u> </div>					
<b>NAME (PLEASE PRINT)</b> Barbara Nicol		<b>PHONE NUMBER</b> 505 333-3642			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Clerk			
<b>DATE</b> 9/28/2009					

JTB \_\_\_\_\_  
TJF \_\_\_\_\_  
DLC \_\_\_\_\_

**BPU 3-23H**  
**Sec 23, T 11S, R 20 E**  
**Uintah County, Utah**  
**API- 43-047-40008**  
**XTO # 166416**

**AFE # 904371**

**Put Well on Pump**

**Surf csg:** 9-5/8", 36#, J-55, ST&C csg @ 2292' Top out cmt to surface  
**Prod csg:** 5-1/2", 17#, N80, LT&C csg @ 9316'. PBTD @ 9274'  
**Tbg:** 2-3/8" tbg, EOT @ 8600'  
**Perfs:** **WA:** 4211'-22', 4633'-39'  
**MV:** 8108'-16', 8158'-62', 8204'-06', 8211'-15', 8255'-58', 8407'-11',  
8711'-15', 8720'-23'

**PWOP Procedure**

- 1) MI and set a Lufkin RM 320-256-120 pumping unit (min ECB 16,500#) with a C-96 engine.  
Set CB weights as follows:

Description	Weight	Position
Left Lag	ORO	9.8" from end of crank
Left Lead	3CRO	9.8" from end of crank
Right Lag	ORO	9.8" from end of crank
Right Lead	3CRO	9.8" from end of crank

- 2) MIRU PU. Blow down casing to blow tank and kill well w/ 2% KCl. ND WH, NU BOP.  
Unseat tubing hanger and lower tubing to tag, then tally out of hole. Advise Tom Boyce of  
fill, scale or corrosion on tubing. Consider acid job if scale is present.
- 3) Pick up 4 3/4" bit and casing scraper, TIH and tag for fill. If necessary, clean out w/ foam.  
POH with 2 3/8" tubing.

- 4) RIH with pumping string as follows:
- a) 2 3/8" x 5 1/2" TEC tubing anchor
  - b) 2 3/8" x 6' tubing sub
  - c) 2 3/8" x 4' perforated sub
  - d) 2 3/8" x 1.78" S/N
  - e) 2 3/8" 4.7# EUE tubing to surface

Land tubing in tension with anchor at  $\pm 8800'$ . ND BOP, NU wellhead.

- 5) RIH w/ pump and rod string as follows:
- a) 2" x 1 1/4" x 16' x 19' RHBC w/ 8' dip tube
  - b) 3/4" x 4' rod sub
  - c) 3/4" - 21,000 lb HF shear tool
  - d) 10- 1 1/4" API K Sinker Rods
  - e) 30 - 3/4" Norris 96 Rods w/ "T" couplings, 5 molded guides/rod
  - f) 312 - 3/4" Norris 96 Rods w/ "T" couplings
  - g) 3/4" - Norris 96 rod pony rods as necessary to space out
  - h) 1 1/4" x 22' Polish rod w/ 1 1/2" liner
- 6) Space out pump as required with pony rods. Load tubing and long stroke with rig to ensure pump action. RDMO PU.
- 7) Gauge tanks. Start well pumping at 4 SPM and 120" SL. Run dyno and shoot fluid level  $\pm 1$  week after unit has started.
- 8) Report pre and post start up data to Tom Boyce

**Regulatory**

- Submit NOI and subsequent report to BLM and Utah Division of Oil Gas & Mining for installation of pumping unit.

**Services/Material**

- 4-3/4" bit & bit sub, 5-1/2" casing scraper

**Equipment**

- Lufkin RM 320-256-120 pumping unit (min ECB 16,500 lbs) with a C-96 engine
- TEC 5 1/2" x 2 3/8" anchor catcher

**Rods**

- 2" x 1 1/4" x 16' x 19' RHBC pump w/ 8' dip tube
- 3/4" x 4' Guided Rod Sub w/mold-on guides
- 3/4" – 21,000 lb HF Shear Tool
- 10 – 1-1/4" x 25' API K Sinker Bars
- 30- 3/4" Norris 96 Rods w/ "T" couplings, 5 molded guides/rod
- 312- 3/4" Norris 96 Rods w/ "T" couplings
- 3/4"- Norris 96 rod pony rods as necessary to space out
- 1 1/4" x 22' Polish rod w/ 1 1/2" liner



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
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<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>7. UNIT or CA AGREEMENT NAME:</b> BIG PACK
<b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 87410		<b>8. WELL NAME and NUMBER:</b> BPU 3-23H
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0704 FNL 1934 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 23 Township: 11.0S Range: 20.0E Meridian: S		<b>9. API NUMBER:</b> 43047400080000
<b>PHONE NUMBER:</b> 505 333-3159 Ext		<b>9. FIELD and POOL or WILDCAT:</b> WILDCAT
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> <b>ACIDIZE</b>	
<input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion: 8/31/2009	<input type="checkbox"/> <b>ALTER CASING</b>	
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> <b>CASING REPAIR</b>	
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>	
	<input type="checkbox"/> <b>CHANGE WELL STATUS</b>	
	<input type="checkbox"/> <b>CHANGE TUBING</b>	
	<input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>	
	<input type="checkbox"/> <b>DEEPEN</b>	
	<input type="checkbox"/> <b>FRACTURE TREAT</b>	
	<input type="checkbox"/> <b>NEW CONSTRUCTION</b>	
	<input type="checkbox"/> <b>OPERATOR CHANGE</b>	
	<input type="checkbox"/> <b>PLUG AND ABANDON</b>	
	<input type="checkbox"/> <b>PLUG BACK</b>	
	<input type="checkbox"/> <b>PRODUCTION START OR RESUME</b>	
	<input type="checkbox"/> <b>RECLAMATION OF WELL SITE</b>	
	<input type="checkbox"/> <b>RECOMPLETE DIFFERENT FORMATION</b>	
	<input type="checkbox"/> <b>REPERFORATE CURRENT FORMATION</b>	
	<input type="checkbox"/> <b>SIDETRACK TO REPAIR WELL</b>	
	<input type="checkbox"/> <b>TEMPORARY ABANDON</b>	
	<input type="checkbox"/> <b>TUBING REPAIR</b>	
	<input type="checkbox"/> <b>VENT OR FLARE</b>	
	<input type="checkbox"/> <b>WATER DISPOSAL</b>	
	<input type="checkbox"/> <b>WATER SHUTOFF</b>	
	<input type="checkbox"/> <b>SI TA STATUS EXTENSION</b>	
	<input type="checkbox"/> <b>APD EXTENSION</b>	
	<input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b>	
	<input checked="" type="checkbox"/> <b>OTHER</b>	
	OTHER: PWOP	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> XTO Energy Inc. has put this well on pump per the attached Executive Summary Report.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining</b> <b>FOR RECORD ONLY</b> October 28, 2009		
<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 505 333-3642	<b>TITLE</b> Regulatory Clerk
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/26/2009	

# EXECUTIVE SUMMARY REPORT

8/10/2009 - 10/26/2009  
Report run on 10/26/2009 at 4:18 PM

## Big Pack Unit 03-23H

Section 23-11S-20E, Uintah, Utah, Roosevelt

8/12/2009 First rpt for PWOP. MIRU DUCO WS rig #1. Bd well. Ppd dwn csg w/ 50 bbls trtd 2% KCL wtr & KW. ND WH. NU BOP. Unland tbg hgr. TIH w/ 16 jt 2-3/8" tbg, tgd fill @ 9257'. TOH w/ 217 jts 2-3/8" 4.7#, J-55, EUE, 8rd tbg. EOT @ 2004'. SWI. SDFN.

8/13/2009 ===== Big Pack Unit 03-23H =====  
EOT @ 2004'. Bd well. Ppd dwn csg w/ 80 bbls trtd 2% KCL wtr & KW. Fin TOH w/ 60 jts 2-3/8" 4.7#, J-55, EUE, 8rd tbg, 2-3/8" SN & 1/2 BRS. Tbg showed no external or internal sc. TIH w/ 4-3/4" bit, 5-1/2" csg scr, 275 jts 2-3/8" tbg, tgd fill @ 9152'. TOH w/ 275 jts 2-3/8" tbg, 5-1/2" csg scr & 4-3/4" bit. LD tls. TIH w/ 2-3/8" mule shoe col, 5-1/2" Tech Tac SH TAC w/ 40 K shear, 1 - 6' x 2-3/8" 4.7#, N-80, EUE, 8rd tbg sub, 1 - 4' x 2-3/8" 4.7#, N-80, EUE, 8rd perf tbg sub, 2-3/8" SN, 223 jts 2-3/8" 4.7# J-55, EUE, 8rd tbg. EOT @ 7363'. BTM perf @ 8723'. SWI. SDFN.

8/14/2009 ===== Big Pack Unit 03-23H =====  
EOT @ 7363'. Bd well. Ppd dwn csg w/ 50 bbls trtd 2% KCL wtr & KW. Fin TIH w/ 38 jts 2 3/8" 4.7#, J-55, EUE, 8rd tbg, 6 jts 2 3/8" 4.7#, L-80, EUE, 8rd tbg, ( 267 jts ttl ). EOT @ 8806'. RU & RIH w/ XTO 1.901 tbg broach to SN. No ti spots. POH & LD broach. Dropped SV & PT tbg to 1000 psig w/ 15 bbls trtd 2% KCL wtr 5". Tstd gd. Rlsd press. Retr SV. ND BOP. Ld tbg on hgr w/ 12 K tens & NU WH. Fin equ run: 5 1/2" x 2 3/8" Tech TAC 40K shear w/ mule shoe col, 1 - 6' x 2 3/8" 4.7#, N-80, EUE, 8rd tbg sub, 1 - 4' x 2 3/8" 4.7#, N-80, EUE, 8rd perf tbg sub, 2 3/8" SN, 261 jts 2 3/8" 4.7#, J-55, 8rd tbg & 6 jts 2 3/8" 4.7#, L-80, EUE, 8rd tbg. SN @ 8790'. EOT @ 8806'. WA perfs fr/ 4211' - 4639'. MV perfs fr/ 8108' - 8723'. TOF, BRS @ 9272'. PBTD 9274'. RU & RIH w/ swb tls. BFL @ 2300' FS. S. 0 BO, 80 BLW, 17 runs, 4 hrs. FFL @ 2500' FS w/ tbg on vac. Smpl, Gray gas cut wtr, ltl sd, no O. SICIP 480psig. SWI & SDFW.

8/17/2009 ===== Big Pack Unit 03-23H =====  
RU swb tls. EOT @ 8,806', SN @ 8,790' WA/MV perfs fr/4,211' - 8,723' 122' of fill @ 9,152 & PBTD @ 9,274'. BFL 2,500' FS. S. 0 BO, 32 BLW, 7 runs, 2 hrs. FFL 2,800' FS, SICIP 825, black wtr rets w/no solids. RD swb tls. PU & loaded National 2" x 1-1/4" x 19' RHBC pmp (XTO #200) w/8' X 1" dip tube (Btm 1' of dip tube is stnr nip). PU & TIH w/pmp, HF 21K shear tl, 1 - 3/4" x 4' stabilizer rod, 10 - 1-1/4" x 25' sbs, 30 - 3/4" Norris 96 skr d w/5 molded guides pr rod, 310 - 3/4" slick Norris 96 skr d w/T-cplgs, 3/4" x 4' rod sub & 1-1/4" x 26' PR w/1-1/2" x 14' lnr. Seated pmp. PT tbg to 1,000 psig w/12 bbls trtd 2% kcl wtr for 10". Tstd ok. Rlsd press. LS pmp w/rig to 500 psig. GPA. Rlsd press. SWO & clamped off rods. SWI & RDMO Duco WS rig #1. Unable to RWTP. PU not in place. Rpts suspnd turn well over to facilities

8/31/2009 ===== Big Pack Unit 03-23H =====  
The Big Pack Unit 3-23H PWOP. Stoke length 120. 4 SPM. This well is on Route #209. XTO allocation Meter # RS 1588 RF. RTU Group 10. Address 100. Waynes Check CDP Meter #RS1264CT. RWTP @ 3:00 p.m., 8/31/09.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-76267
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>7. UNIT or CA AGREEMENT NAME:</b> BIG PACK
<b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 87410		<b>8. WELL NAME and NUMBER:</b> BPU 3-23H
<b>PHONE NUMBER:</b> 505 333-3159 Ext		<b>9. API NUMBER:</b> 43047400080000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0704 FNL 1934 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 23 Township: 11.0S Range: 20.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> HILL CREEK
		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input checked="" type="checkbox"/> <b>ACIDIZE</b>  <input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>  <input type="checkbox"/> <b>CHANGE WELL STATUS</b>  <input type="checkbox"/> <b>DEEPEN</b>  <input type="checkbox"/> <b>OPERATOR CHANGE</b>  <input type="checkbox"/> <b>PRODUCTION START OR RESUME</b>  <input type="checkbox"/> <b>REPERFORATE CURRENT FORMATION</b>  <input type="checkbox"/> <b>TUBING REPAIR</b>  <input type="checkbox"/> <b>WATER SHUTOFF</b>  <input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b>	<input type="checkbox"/> <b>ALTER CASING</b>  <input type="checkbox"/> <b>CHANGE TUBING</b>  <input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>  <input type="checkbox"/> <b>FRACTURE TREAT</b>  <input type="checkbox"/> <b>PLUG AND ABANDON</b>  <input type="checkbox"/> <b>RECLAMATION OF WELL SITE</b>  <input type="checkbox"/> <b>SIDETRACK TO REPAIR WELL</b>  <input type="checkbox"/> <b>VENT OR FLARE</b>  <input type="checkbox"/> <b>SI TA STATUS EXTENSION</b>	<input type="checkbox"/> <b>CASING REPAIR</b>  <input type="checkbox"/> <b>CHANGE WELL NAME</b>  <input type="checkbox"/> <b>CONVERT WELL TYPE</b>  <input type="checkbox"/> <b>NEW CONSTRUCTION</b>  <input type="checkbox"/> <b>PLUG BACK</b>  <input type="checkbox"/> <b>RECOMPLETE DIFFERENT FORMATION</b>  <input type="checkbox"/> <b>TEMPORARY ABANDON</b>  <input type="checkbox"/> <b>WATER DISPOSAL</b>  <input type="checkbox"/> <b>APD EXTENSION</b>
<input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion: 2/18/2011	<input checked="" type="checkbox"/> <b>OTHER</b>		
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	OTHER: <span style="border: 1px solid black; padding: 2px;">CHEMICAL TREATMENT</span>		
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 XTO Energy Inc. has completed acid & chemical treatments on this well per the attached summary report.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**

<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 505 333-3642	<b>TITLE</b> Regulatory Compliance Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 2/21/2011	

## **Big Pack Unit 03-23H**

**2/10/2011:** MIRU. PT tbg to 2000 psig w/1 bbl TFW, 10" Tstd ok. Att to unseated pmp w/no success. SWI w/csg flwg to sales. SDFN.

**2/11/2011:** Bd csg. RU D&M Hot oil service. Ppd 30 bbls 180 deg TFW dwn csg & KW. RD D&M. Att to unseat pmp w/o success. Sheared shear tl. TOH w/rods & top half of 26K shear tl (Had lt paraffin on all rods.) RU swb tls. FL 1,600' FS. Unable to wk swb tls below 1,900', no fluid rec. RD swb tls. ND WH. NU BOP. Wk tbg 30" & att to rls TAC. Unable to rls TAC. SWI. SDFWE.

**2/14/2011:** Bd csg. RU pwr swivel. Wkd tbg 1 hr holding right hand torque & rlsd TAC. Wkd 3 jts 2-3/8" tbg out of hole w/pwr swivel until tbg pld free. TOH w/61 jts 2-3/8" tbg to hvy paraffin inside tbg. RU D&M Hot Oil Service. Ppd 30 bbls 180 deg TFW dwn csg. RU swab tls. Swb 9 BLW & paraffin mix, 3 runs. RD swb tls. TOH w/68 addl jts 2-3/8" tbg. EOT @ 4,460'. RU swb tls. Swb 6 BLW w/no paraffin, 2 runs. RD swb tls. SWI. SDFN.

**2/15/2011:** BD well. RU & RIH w/swb tls. Swbd tbg dry to 4,460' FS. Cont TOH w/139 jts 2-3/8" 4.7#, J-55, EUE, 8rd tbg, 2-3/8" SN, 4' x 2-3/8" 4.7#, N-80, EUE, 8rd perf tbg sub, 6' x 2-3/8" 4.7#, N-80, EUE, 8rd tbg sub & 5-1/2" SH TAC w/2-3/8" mule shoe col. Recd 2" x 1-1/4" x 16' x 19' RHBC pmp SN. Rod insert pmp, plng was stuck shut inside barrel w/hvy sc & sd. Sent pmp in for insp & rpr. Tbg showed hvy external sc BU fr/8,400' - EOT @ 8,806'. The last jt had hvy internal sc BU. Smpl taken for analysis. TIH w/4-3/4" bit, 5-1/2" csg scr, 2-3/8" SN & 276 jts 2-3/8" tbg, tgd fill @ 9,080'. TOH w/120 jts 2-3/8" tbg. EOT @ 5,260'. SWI w/csg flwg to sales. SDFN.

**2/16/2011:** Bd well. Contd TOH. TIH w/2-3/8" mule shoe col, 5-1/2" SH TAC, 6' x 2-3/8" 4.7#, N-80, EUE, 8rd tbg sub, 4' x 2-3/8" 4.7#, N-80, EUE, 8rd perf tbg sub, 2-3/8" SN, 261 jts 2-3/8" 4.7#, J-55, EUE, 8rd tbg & 6 jts 2-3/8" 4.7#, L-80, EUE, 8rd tbg. EOT @ 8,808'. Ld tbg on hgr. ND BOP. Set 5-1/2" SH TAC @ 8,808' w/14 K tens. NU WH. MIRU Multi Chem. PT surf equip & lines to 500 psig. Tstd gd. Bd press. Proceed w/ ac trtmnt as follows: Ppd dwn csg w/825 gls 15% HCL ac w/5669 Inhib, M-8172 Mutalsolvent & MX6-1832 corr/sc inhib, flshd w/50 bbls TFW. Ppd dwn tbg w/550 gls 15% HCL ac w/5669 inhib, M-8172 Mutalsolvent & MX6-1832 corr/sc inhib, flshd w/36 bbls TFW. Let soak over night. SWI. SDFN.

**2/17/2011:** RU & RIH w/swb tls. BFL @ 7,100' FS. S. 0 BO, 54 BLW Mixd w/ac, 16 runs, 8-1/2 hrs. Smpl taken every hr. Gray gas cut wtr, ltl solids, tr of O. PH 5. FFL @ 7,900' FS. FCP 70 psig. SWI w/csg flwg to sales. SDFN.

**2/18/2011:** RU & RIH w/swb tls. BFL @ 7,700' FS. S. 0 BO, 2 BLW, 1 run, 1 hr. Smpl taken, Brown gas cut wtr, ltl solids, tr of O, PH 7. FFL @ 7,700' FS. FCP 100 psig. PU & Loaded new 2" x 1-1/4" x 16' x 19' RHBC pmp ( XTO #315, 4' -5 GRV ) w/1-1/4" x 8' GAC. TIH w/pmp, 1 - 7/8" x 3' rod stabilizer sub, 26 K shear tl, 1 - 7/8" x 3' rod stabilizer sub, 15 - 1-1/4" APIK sbs w/ T/710 cplgs, 140 - 3/4" Norris 96 skr d w/"T" cplgs, 5 molded guides per rod, 195 - 3/4" Norris 96 slick skr d w/"T" cplgs & 1-1/4" x 26' PR w/1.5" x 14' lnr. Seated pmp & SWO. PT tbg to 500 psig w/31 BW. LS pmp to 1,000 psig, w/rig. Gd PA. HWO. Ppd dwn csg w/50 bbls TFW. RWTP ppg @ 120" x 2 SPM. RDMO.

=====Big Pack Unit 03-23H=====



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:  
3160 – UTU82244X  
(UT922100)

**JUN 21 2012**

Ms. Rebecca Bodenhamer  
XTO Energy Inc.  
810 Houston Street  
Fort Worth, TX 76102-6298

RECEIVED

**JUN 22 2012**

DIV OF OIL, GAS & MINING

Re: Well Determinations  
Big Pack Unit  
Uintah County, Utah

Dear Ms. Bodenhamer:

Pursuant to your request of May 31, 2012, modified by email on June 12, 2012, it has been determined by this office that under existing conditions the following wells within the Big Pack Unit are capable of producing unitized substances in paying quantities as defined in Section 9 of the unit agreement.

API Number	Well Name	Location					Completion Date
4304736939	3-27H	NE¼NW¼	Section 27	T11S	R20E	SLB&M	10/17/2008
4304736555	41-3	NE¼NE¼	Section 3	T12S	R20E	SLB&M	10/07/2008

Please file appropriate Participating Area applications for these wells at your earliest convenience.

Pursuant to the same request, it has been determined by this office that under existing conditions the following wells are not capable of producing unitized substances in paying quantities as defined in Section 9 of the unit agreement.

API Number	Well Name	Location					Completion Date	Lease
4304736488	32-22	SW¼NE¼	Section 22	T11S	R20E	SLB&M	08/10/2006	UTU76267
4304736489	31-34	NW¼NE¼	Section 34	T11S	R20E	SLB&M	12/21/2007	UTU34705
4304740008	3-23H	NE¼NW¼	Section 23	T11S	R20E	SLB&M	02/09/2009	UTU76267

All past and future production from these wells shall be handled and reported on a lease basis.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
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<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>7. UNIT or CA AGREEMENT NAME:</b> BIG PACK			
<b>3. ADDRESS OF OPERATOR:</b> PO Box 6501, Englewood, CO, 80155		<b>8. WELL NAME and NUMBER:</b> BPU 3-23H			
<b>PHONE NUMBER:</b> 303 397-3727 Ext		<b>9. API NUMBER:</b> 43047400080000			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0704 FNL 1934 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 23 Township: 11.0S Range: 20.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> HILL CREEK			
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH			
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>  <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 4/1/2013  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<b>TYPE OF ACTION</b>  <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> XTO Energy Inc. intends to open additional pay in this well per the attached procedure. See also attached, a current wellbore diagram.					
<b>Accepted by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> February 25, 2013 <b>By:</b> <u>Derek Quist</u>					
<b>NAME (PLEASE PRINT)</b> Barbara Nicol		<b>PHONE NUMBER</b> 303-397-3736			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Compliance Tech			
<b>DATE</b> 2/20/2013					



XTO plans to open additional pay in the Big Pack Unit 3-23H with 2 stages as follows:

**Stage 1 – Open Additional Pay**

Down tubing

Top Perf: 8,842'

Bottom Perf: 9,040'

Formation: Mesaverde

Number of Holes: 32

Fluid Volume: 83,522 gallons

Sand Weight: 220,000 lbs

Plug Depth: 6,800'

**Stage 2 – Open Additional Pay**

Down tubing

Top Perf: 6,288'

Bottom Perf: 6,638'

Formation: Wasatch

Number of Holes: 30

Fluid Volume: 93,735 gallons

Sand Weight: 250,500 lbs

**Contact Information:**

Hannah Franka, Operations Engineer (Denver)

303-397-3607 (office) 720-539-1663 (cell)



## XTO - Wellbore Diagram

## Well Name: Big Pack Unit 03-23H

API/UWI 43047400080000	E/W Dist (ft) 1,934.0	E/W Ref FWL	N/S Dist (ft) 704.0	N/S Ref FNL	Location T11S-R20E-S23	Field Name Natural Buttes	County Uintah	State Utah
Well Configuration Type Vertical	XTO ID B 166416	Orig KB Elev (ft) 5,407.50	Gr Elev (ft) 5,391.00	KB-Grd (ft) 16.50	Spud Date 11/7/2008	PBTD (All) (ftKB) Original Hole - 9274.0	Total Depth (ftKB) 9,350.0	Method Of Production Beam

Well Config: Vertical - Original Hole, 9/7/2012 11:24:40 AM

Schematic - Actual			Incl	ftKB (TVD)	ftKB (MD)	Zones						
						Zone	Top (ftKB)		Btm (ftKB)			
						Wasatch	4,211.0		4,639.0			
						Mesaverde	8,108.0		8,723.0			
						<b>Casing Strings</b>						
						Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)	
			0.0	16	16	Conductor	14	36.75	A252A		56.5	
			0.0	17	17	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)	
			0.0	18	18	Surface	9 5/8	36.00	J-55	ST&C	2,292.4	
			0.0	56	56	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)	
			0.1	216	216	Production	5 1/2	17.00	N-80	LT&C	9,316.0	
			1.2	1,816	1,816	<b>Cement</b>						
			1.4	2,245	2,245	Description	Type		String			
			1.4	2,246	2,246	Conductor Casing Cement	casing		Conductor, 56.5ftKB			
			1.5	2,291	2,291	Comment						
			1.5	2,292	2,292	MIRU Pete Martin Rat Hole Drilling. Drill 20" Conductor Hole to 40'. Ran 14" Conductor						
			1.5	2,316	2,317	Pipe Set @ 56.5' KB. Cement To Surface w/ 2 1/2 yds Redimix Cement. Drill And Set						
			1.4	3,593	3,594	Rat And Mouse Hole For Drilling Rig Unit 111. RDMO.						
			1.4	3,608	3,609	Description	Type		String			
			1.4	4,210	4,211	Surface Casing Cement	casing		Surface, 2,292.4ftKB			
			1.4	4,221	4,222	Comment						
			1.5	4,832	4,833	Run 9 5/8" J-55 36# ST&C Casing to 2292.40' KB. Cement Surface Casing To Surface						
			1.5	4,838	4,839	w/Pro Petro. Lead Cement 200 sks 136 bbls 11.0# 3.82 Yield 23.0 gal/sk. Tail Cement						
			1.6	4,829	4,830	200 sks 42 bbls 15.8# 1.15 yield 5 gal/sk. Top Out Cement 100 sks 21 bbls 15.8# 1.15						
			1.8	5,579	5,580	yield 5 gal/sk. Note: Hit Water @ 1860'.						
			1.9	6,181	6,182	Description	Type		String			
			1.9	6,195	6,197	Production Casing Cement	casing		Production, 9,316.0ftKB			
			2.9	8,105	8,108	CEMENT AS FOLLOWS: 20 BBL MUD FLUSH, 20 BBLs H2O, 88.4 BBLs LEAD						
			2.9	8,113	8,116	CEMENT (130sx - 11.0lb - 3.82 YIELD - 23GAL/SK), 355.8 BBLs TAIL CEMENT (1080sx						
			2.9	8,155	8,158	- 13.0lb - 1.85 YIELD - 9.75 GL/SK), 220 BBLs DISPLACEMENT FINAL CIRCULATING						
			2.9	8,159	8,162	PRESSURE: 2000 BUMPED PLUG @ 2500 (FLOAT HELD) FULL RETURNS						
			3.0	8,201	8,204	THROUGHOUT CEMENT JOB. TOC @ 200' via CBL						
			3.0	8,203	8,206							
			3.0	8,207	8,211							
			3.0	8,211	8,215							
			3.0	8,251	8,255							
			3.0	8,254	8,258							
			2.9	8,326	8,330							
			2.9	8,403	8,407							
			2.9	8,407	8,411							
			2.6	8,701	8,705							
			2.6	8,704	8,708							
			2.6	8,705	8,709							
			2.6	8,707	8,711							
			2.6	8,708	8,712							
			2.6	8,711	8,715							
			2.6	8,716	8,720							
			2.6	8,719	8,723							
			2.6	8,727	8,731							
			2.5	8,735	8,739							
			2.5	8,790	8,794							
			2.5	8,791	8,795							
			2.5	8,794	8,799							
			2.5	8,801	8,805							
			2.5	8,804	8,808							
			2.5	8,805	8,809							
			2.0	9,267	9,272							
			2.0	9,269	9,274							
			2.0	9,271	9,275							
			2.0	9,272	9,277							
			2.0	9,310	9,315							
			2.0	9,311	9,316							
					9,350							





## XTO - Wellbore Diagram

Well Name: Big Pack Unit 03-23H

API/UWI 43047400080000	E/W Dist (ft) 1,934.0	E/W Ref FWL	N/S Dist (ft) 704.0	N/S Ref FNL	Location T11S-R20E-S23	Field Name Natural Buttes	County Uintah	State Utah
Well Configuration Type Vertical	XTO ID B 166416	Orig KB Elev (ft) 5,407.50	Gr Elev (ft) 5,391.00	KB-Grd (ft) 16.50	Spud Date 11/7/2008	PBTD (All) (ftKB) Original Hole - 9274.0	Total Depth (ftKB) 9,350.0	Method Of Production Beam

Well Config: Vertical - Original Hole, 9/7/2012 11:24:40 AM

Schematic - Actual			Incl	ftKB (TVD)	ftKB (MD)	Tubing Components									
						Item Description	Jts	Model	OD (in)	Wt (lbs/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
						Mule Shoe	1		2 3/8		N-...	8RD EUE	0.40	8,808.5	8,808.9
						Rods									
						Rod Description	Run Date			String Length (ft)			Set Depth (ftKB)		
						Rod String	2/11/2011			8,810.00			8,739.0		
						Rod Components									
						Item Description	Jts	Model	OD (in)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)		
						Polished Rod	1		1 1/4		26.00	-71.0	-45.0		
						Sucker Rod	195	WCN-96	3/4	96	4,875.00	-45.0	4,830.0		
						Sucker Rod w/Molded Guides	30		3/4	96	750.00	4,830.0	5,580.0		
						Sucker Rod w/Molded Guides	110		3/4	96	2,750.00	5,580.0	8,330.0		
						Sinker Bar, no neck	15		1 1/4	K	375.00	8,330.0	8,705.0		
						Stabilizer Rod	1		7/8	D	3.00	8,705.0	8,708.0		
						Shear Tool - 21K	1		3/4		1.00	8,708.0	8,709.0		
						Stabilizer Rod	1		7/8	D	3.00	8,709.0	8,712.0		
						Rod Insert Pump	1		1 1/4		19.00	8,712.0	8,731.0		
						Sand Screen	1		1 1/4		8.00	8,731.0	8,739.0		
						Stimulations & Treatments									
						Frac Start Date	Top Perf (ft)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
						2/5/2009	8407	8723			30	4,778.0		3,248.0	
						Comment									
						Frac Start Date	Top Perf (ft)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
						2/5/2009	8108	8258			50	5,533.0		3,670.0	
						Comment									
						Frac Start Date	Top Perf (ft)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
						2/5/2009	4211	4639			40	5,534.0		3,694.0	
						Comment									
						3.0	8,201	8,204							
						3.0	8,203	8,206							
						3.0	8,207	8,211							
						3.0	8,211	8,215							
						3.0	8,251	8,255							
						3.0	8,254	8,258							
						2.9	8,326	8,330							
						2.9	8,403	8,407							
						2.9	8,407	8,411							
						2.6	8,701	8,705							
						2.6	8,704	8,708							
						2.6	8,705	8,709							
						2.6	8,707	8,711							
						2.6	8,708	8,712							
						2.6	8,711	8,715							
						2.6	8,716	8,720							
						2.6	8,719	8,723							
						2.6	8,727	8,731							
						2.5	8,735	8,739							
						2.5	8,790	8,794							
						2.5	8,791	8,795							
						2.5	8,794	8,799							
						2.5	8,801	8,805							
						2.5	8,804	8,808							
						2.5	8,805	8,809							
						2.0	9,267	9,272							
						2.0	9,269	9,274							
						2.0	9,271	9,275							
						2.0	9,272	9,277							
						2.0	9,310	9,315							
						2.0	9,311	9,316							
								9,350							

</

Top (MD): 4,211,  
Des. WasatchTop (MD): 8,108,  
Des. MesaverdePBTD,  
9,274Fish, 4 3/4,  
9,272-9,274

TD, 9,350

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76267
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME: BIG PACK
2. NAME OF OPERATOR: XTO ENERGY INC		8. WELL NAME and NUMBER: BPU 3-23H
3. ADDRESS OF OPERATOR: PO Box 6501, Englewood, CO, 80155		9. API NUMBER: 43047400080000
PHONE NUMBER: 303 397-3727 Ext		9. FIELD and POOL or WILDCAT: HILL CREEK
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0704 FNL 1934 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 23 Township: 11.0S Range: 20.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input type="text" value="OAP"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/8/2013			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. has opened additional pay in the WSMVD formations  
per the attached summary report.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 May 21, 2013

NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMBER 303-397-3736	TITLE Regulatory Compliance Tech
SIGNATURE N/A	DATE 5/20/2013	

## **Big Pack Unit 03-23H**

**3/11/2013:** MIRU. Rd PU. PT. LS pmp. TOH w/ pump and rods. SWI & SDFN.

**3/12/2013:** Rls TAC. MIRU WL. RIH w/perf gun 8,730'. Perf 3 holes in tbg @ 8,730'. RDMO WL. MIRU hot oil flush tbg w/ 45 bbls. RDMO hot oil. TIH w/9 jts tbg, tag 214' fill @ 9,060' (PBSD @9,274'). TOH w/ tbg, Ld btm 4 jts tbg, and BHA. PU bit and scraper. TIH w/BHA and tbg. SWI & SDFN.

**3/13/2013:** Cont TIH/ tbg. Tgd 222' fill @ 9,050'. (PBSD 9,272' ). Drop SV & PT tbg Retr SV. RU pwr swivel & AFU. Estb circ & CO to PBSD @ 9,272'. Circ well cln for 1 hr. Ppd 80 bbls TFW & kill tbg. RD swivel. RD AFU & pwr swivel. LD tbg. TOH tbg. LD bit/scr. TIH w/MS & tbg. SWI & SDFN.

**3/14/2013:** Cont TIH tbg. ND BOP, NU WH. Ld tbg in WH. Fnl eqp ran: MS clr, SN, tbg. RDMO. Rpts suspend till further activity. Wait on Frac date.

**4/3/2013:** MIRU. ND WH. NU & FT BOP. TIH w/ tbg, Tgd 72' fill @ 9,200' (PBSD @ 9,272'). TOH w/ tbg, SN, & MS. MIRU WLU, Review JSA for perfing. RIH w/3-1/8" csg guns loaded w/Titan SDP-2715-322T, 27 gm chrgs. Perf MV stage #1 intv fr/8842-46', 8882-88', 8928-30', 8954-56', & 9038'-40', w/2 JSPF (120 deg phasing, 0.36" EHD, 35" pene, 37 holes). POH & LD perf guns. RDMO WLU. SWI & SDFN.

**4/4/2013:** PU & TIH w/ pkr & tbg. SWI & SDFN.

**4/5/2013:** MIRU hot oil. PT surf lines to 5,000 psig. Fill tbg w/64 bls TFW. PT tbg. Set pkr @ 8,807' w/45K compr. SWI & SDFWE.

**4/8/2013:** MIRU frac equip. Held safety mtg & PT all surface lines to 9,900 psig, held gd. Fill 3-1/2" frac string w/45 bbls 2% KCL wtr & EIR. Brk dwn @ 5,540 psig @ 2 BPM. Pump 1,000 gals 15% HCL w/adds & 59 bio-balls. Poor BA, +700psi. Flsh w/85 bls TFW. Fracd MV perfs fr/8,842' - 9,040' dwn 3-1/2" tbg w/ 41835 gal YF120 50Q N2 fld carrying 20,175# white 20/40 sd. Cut sand and over flsh w/ 150 bls TFW. Due to annular pressure increase. TCA pressure climbed to 2,045 psig. 10 mins. SD & SWI 8 hrs. OWU @ 20:00 hrs 18/64" ck 4-8-13 FTP 100 - 0 psig on 18/64" ck. Returns non-burnable gas, fluid & trace sand. 25 ttl bls, 8 hrs.

**4/9/2013:** Bd Rlsd Pkr. TOH w/88 jts 3-1/2", 9.3#, N-80, EUE, 8rd tbg. SWI & SDF Rig Mech rprs.

**4/10/2013:** SWI & SDF Rig Mech rprs.

**4/11/2013:** SWI & SDF Rig Mech rprs.

**4/12/2013:** Rels pkr. Cont TOH w/ tbg, LD pkr. TIH w/ pkr & tbg. SWI & SDFN.

**4/13/2013:** PU & TIH w/ pkr & tbg. EOT @ 8,773' MIRU frac equip. Held safety mtg & PT all surface lines to 9,900 psig, held gd. Fill 3-1/2" frac string w/75 bbls TFW. PT 3.5" Frac string to 5,000 psig, 30 mins, Tstd Gd. Increase pressure & rupture disc @ 6550 psig. EIR. Pump 1,500 gals 15% HCL w/adds & 59 bio-balls. Poor BA, Flsh w/85 bls TFW. Fracd MV perfs fr/8,842' - 9,040' dwn 3-1/2" tbg w/53,592 gls YF120 50Q N2 fld carrying 49,038# white 20/40 sd. 1.476 Msf N2. Cut sand and flsh 87 bls TFW. Due to annular pressure increase. TCA pressure climbed to 2100 psig. 10 mins. SD & SWI 8 hrs. OWU @ 00:00 hrs 14/64" ck. 4-14-13 FTP 1050 - 0 psig on 14-48/64" ck. Returns non-burnable gas, fluid & trace sand. 465 ttl bls, 7 hrs.

**4/14/2013:** Rlsd pkr. Circ well bore w/ 275 bls TFW. Jar & wrk pkr free. TOH w/ tbg & Pkr. Found HIT from outside erosion @ 8,728'. (Btm of next perf @ 8,725'. PU & TIH w/5-1/2" HD pkr & 251 jts 3-1/2", 9.3#, N-80, EUE, 8rd tbg. EOT @ 8,311'. MIRU frac equip. Held safety mtg & PT all surface lines to 9,900 psig, held gd. Fill 3-1/2" frac string w/75 bbls TFW. PT 3.5" Frac string to 5,000 psig, 30 mins, Tstd Gd. Increase pressure & rupture disc @ 9,000 psig. EIR. Spear head pump 1,000 gals 7.5% HCL w/adds. Fracd MV perfs fr/8,407' - 9,040' dwn 3-1/2" tbg w/68,547 gls YF120 50Q N2 fld carrying 101,000# white 20/40 sd. & 35,908 SLC 20/40, Used 2.254 Msf N2. \* Note cut 3# white snd stage out and pmpd SLC @ 2.5 ppg due to pressure & rate issues. Flshd frac w/84 bbls gel wtr. Max DH sd conc 3.0ppg. ISIP 3365 psig, 5" SIP 3325 psig. 10" SIP 3300 psig. FG .8. SD & SWI 8 hrs. OWU @ 02:00 hrs 18/64" ck. 4-15-13. FTP 3350- 3000 psig on 18/64" ck. Returns non-burnable gas, fluid & trace sand. 465 ttl bls, 5 hrs.

**4/15/2013:** Cont to flw well back to relieve press. FTP 3000-300 psig on 18-48/64" ck. F 1017 bls W. 0 O, Returns non-burnable gas, fluid & trace sand.

**4/16/2013:** Bd. Rlsd pkr. Circ well bore w/ 251 bls TFW. TOH w/ tbq. Ld pkr. MIRU WLU, Review JSA for perfig. RIH CBP & 3-1/8" csg guns loaded w/Titan SDP-2715-322T, 27 gm chrgs. Set CBP @ 6790', Perf WA stage #2 intv fr/6288-89', 6319-22', 6429-32', 6495-98', 6576-77' & 6634-38'. w/2 JSPF (120 deg phasing, 0.36" EHD, 35" pene., 36 holes). POH & LD perf guns. RDMO WLU. PU & TIH w/5-1/2" HD pkr & 151 jts 3-1/2", 9.3#, N-80, EUE, 8rd tbq. COE @ 5,007'. MIRU frac equip. Held safety mtg & PT all surface lines to 9,900 psig, held gd. Fill 3-1/2" frac string w/45 bbls TFW. PT 3.5" Frac string to 9,000 psig, 30 mins, Tstd Gd. Increase pressure & att to rupture disc @ 9,200 psig. RU sand line, RIH & break disk. Spear head pump 1,500 gals 7.5% HCL w/adds. Fracd WA perfs fr/6,288' - 6,638' dwn 3-1/2" tbq w/87,789 gls YF120 50Q N2 fld carrying 212,040# white 20/40 sd. & 47,040 # SLC 20/40, Used 3.117 Msf N2. Flshd frac w/72 bbls gel wtr. Max DH sd conc 3.3 ppg. ISIP 3775 psig, 5" SIP 3725 psig. 10" SIP 3675 psig. FG 1.02 SWI 8 hrs. OWU 3:00 am 16/64 ck. FTP 2,750-3,150 psig on 16/64" ck. F 220 bls W. 0 O, Returns non-burnable gas, fluid & trace sand.

**4/17/2013:** Con't to Flow back well. 24/64 ck. FTP 3,150-350 psig on 16-24/64" ck. F 783 bls W. 0 O, Returns non-burnable gas, fluid & trace sand.

**4/18/2013:** KW w/20 bbl TFW. Rlsd pkr. Circ well bore w/30 bls TFW. TOH & Ld tbq & pkr. PU bit, BRS, SN. TIH w/BHA & tbq. EOT @ 6,000'. Cntl well w/100 bls TFW. SWI & SDFN

**4/19/2013:** Cont TIH tag 190' fill @ 6,600'. RU pwr swivel, estb circ CO fill from 6,600-6,790'. DO CBP @ 6,790'. Cont TIH w/2-3/8" tbq tag 262' fill @ 9,010'. RU AFU. Estb circ & CO fill fr/9,010' - PBTD @ 9,272' tbq meas. Circ well cln for 2 hr. Ppd 100bbls TFW & kill tbq. LD swivel. LD tbq. LD tbq in WH. EOT @ 8,859'. Pmp off BRS w/AFU. RD AFU. Fin equip ran tbq & SN. 1/2 hrs. OWU FTP 500. SICP 1000 psig. FTP 500-0 psig on 48/64" ck. F 51 bls W. 0 O, Returns non-burnable gas, fluid & trace sand. Well flowed 3 hrs died. SWI & SDFWE.

**4/22/2013:** Bd tbq. RU & RIH w/swb tls. Swab. TOH w/ tbq. PU BHA. TIH BHA. Turn well over to flow testers @ 19:00 Flwg on 24/64" ck. FCP 350 - 0 psig on 24/64" - ck. Returns non-burnable gas, fluid w/trace sd. 175 ttl bbls today 12 hrs. Preliminary Test showed N2 70% 23% Methane.

**4/23/2013:** Con't TIH w/ tbq. NU WH. Fin equip BHA & tbq. RDMO. Left csg opn to F bk tk. Turn well over to flow testers @ 13:00 Flwg on 24/64" ck. FCP 30 - 0 psig on 24/64" ck. Returns non-burnable gas. MIRU SWU. Hold JSA . RU & RIH w/swb tls. Swab. Cln wtr w/no solids. Preliminary Test showed N2 71% 26% Methane.

**4/24/2013:** Csg opn to tst tk. RU & RIH w/swb tls. BFL @ 2,200'. Swab. Preliminary Test showed N2 71% 26% Methane. Turn well over to flw testers @ 5:00 pm. Flw well on a 24/64" ck. Returns non-burnable gas. FCP 30 - 0 psig. SDFN.

**4/25/2013:** Csg opn to tst tk. RU & RIH w/swb tls. Swab. Fluid smpl taken & sent to multi-chem for analysis. Gas Analysis Test taken w/ preliminary test results of 64% N2, 32% Methane. Turned well over to flw testers @ 5:00 pm. Flw well on a 24/64" ck. Returns non-burnable gas. SDFN.

**4/26/2013:** Csg opn to tst tk. RU & RIH w/swb tls. Swab. Opn & cls csg every other hr on a 24/64" ck. Clsd csg for 1 hr. Opnd csg w/FCP 100 - 0 psig, 10". SI csg. Gas Analysis Test taken w/preliminary test results of 64% N2, 34% Methane. Released flw testers. RDMO SWU. SWIFWE.

**5/8/2013:** MIRU. PU & Loaded new pmp and new rods. Dmpd 15 gal Cor lhb & flshd w/26 bls TFW. Seated pmp & SWO. Fill tbq w/6 bls TFW & PT tbq to 500 psig, tstd gd. LS pmp/tbq to 1500 psig w/rig, GPA. HWO. Automation electricians reconnected WH. RWTP 14:00 hrs, ppg @ SL 120" x 3 SPM. RDMO.

=====Big Pack Unit 03-23H=====





## United States Department of the Interior

### BUREAU OF LAND MANAGEMENT

Utah State Office

440 West 200 South, Suite 500

Salt Lake City, UT 84101-1345

<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:

3180 (UTU82244X)

UT-922000

SEP 09 2015

RECEIVED

SEP 14 2015

DIV. OF OIL, GAS & MINING

Mr. Paul Keffer  
XTO Energy Inc.  
810 Houston Street  
Fort Worth, Texas 76102

Re: Automatic Contraction  
Big Pack Unit - *See attached list*  
Uintah County, Utah

Dear Mr. Keffer:

Your letter of August 27, 2015, describes the lands automatically eliminated effective July 1, 2015, from the Big Pack Unit Area, located in Uintah County, Utah, pursuant to Section 2(e) of the unit agreement and requests our concurrence. The lands you have described contain 19,038.63 acres more or less, and constitute all legal subdivisions, no parts of which are included in the Wasatch-Mesaverde Participating Area. As a result of the automatic contraction, the unit is reduced to 639.99 acres.

The following Federal Leases are entirely eliminated from the unit area:

UTU75133	UTU76271
UTU76037	UTU81431
UTU76268	UTU81722
UTU76269	UTU81723
UTU76270	

The following Federal Leases are partially eliminated from the unit area:

UTU34705  
UTU76266  
UTU76267  
UTU76311

You have complied with the requirements of Section 2(e), provided you promptly notify all interested parties.

If you have any questions, please contact Judy Nordstrom at (801) 539-4108.

Sincerely,

A handwritten signature in black ink, appearing to read "Roger L. Bankert", with a stylized flourish at the end.

Roger L. Bankert  
Chief, Branch of Minerals

Enclosure

cc: UDOGM  
SITLA  
ONRR w/Exhibit "B" (Attn: Curtis Link)  
BLM FOM - Vernal w/enclosure

# Wells removed from Unit

WELL_NAME	API	SECTION	TOWNSHIP	RANGE	ENTITY	UNIT_NAME
WILLOW CREEK UNIT 1	4304731775	27	110S	200E	10804	BIG PACK
BIG PACK U 32-22	4304736488	22	110S	200E	14929	BIG PACK
BIG PACK U 31-34	4304736489	34	110S	200E	14961	BIG PACK
BPU 2-14H	4304740000	14	110S	200E	17295	BIG PACK
BPU 3-23H	4304740008	23	110S	200E	17217	BIG PACK
BPU 13-02M	4304752230	02	120S	200E	18787	BIG PACK

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-76267			
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>			
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>7. UNIT or CA AGREEMENT NAME:</b>			
<b>3. ADDRESS OF OPERATOR:</b> PO Box 6501, Englewood, CO, 80155		<b>8. WELL NAME and NUMBER:</b> BPU 3-23H			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0704 FNL 1934 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 23 Township: 11.0S Range: 20.0E Meridian: S		<b>9. API NUMBER:</b> 43047400080000			
<b>PHONE NUMBER:</b> 303 397-3727 Ext		<b>9. FIELD and POOL or WILDCAT:</b> HILL CREEK			
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH			
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>  <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 4/18/2016  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<b>TYPE OF ACTION</b>  <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input checked="" type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION          OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> XTO Energy Inc. proposes to Temporarily Abandon this well per the attached procedure. Also attached is the current WBD.					
<b>Accepted by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> May 05, 2016 <b>By:</b>					
<b>NAME (PLEASE PRINT)</b> Rhonda Smith		<b>PHONE NUMBER</b> 505 333-3215			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Clerk			
<b>DATE</b> 3/31/2016					

XTO Energy intends to TA the BPU 3-23H due to low gas price and hold the wellbore for future drilling (the unit contracts for the Big Pack Unit drilling to hold undeveloped acreage tract have an extension until July 1, 2017). The TA procedure is as follows:

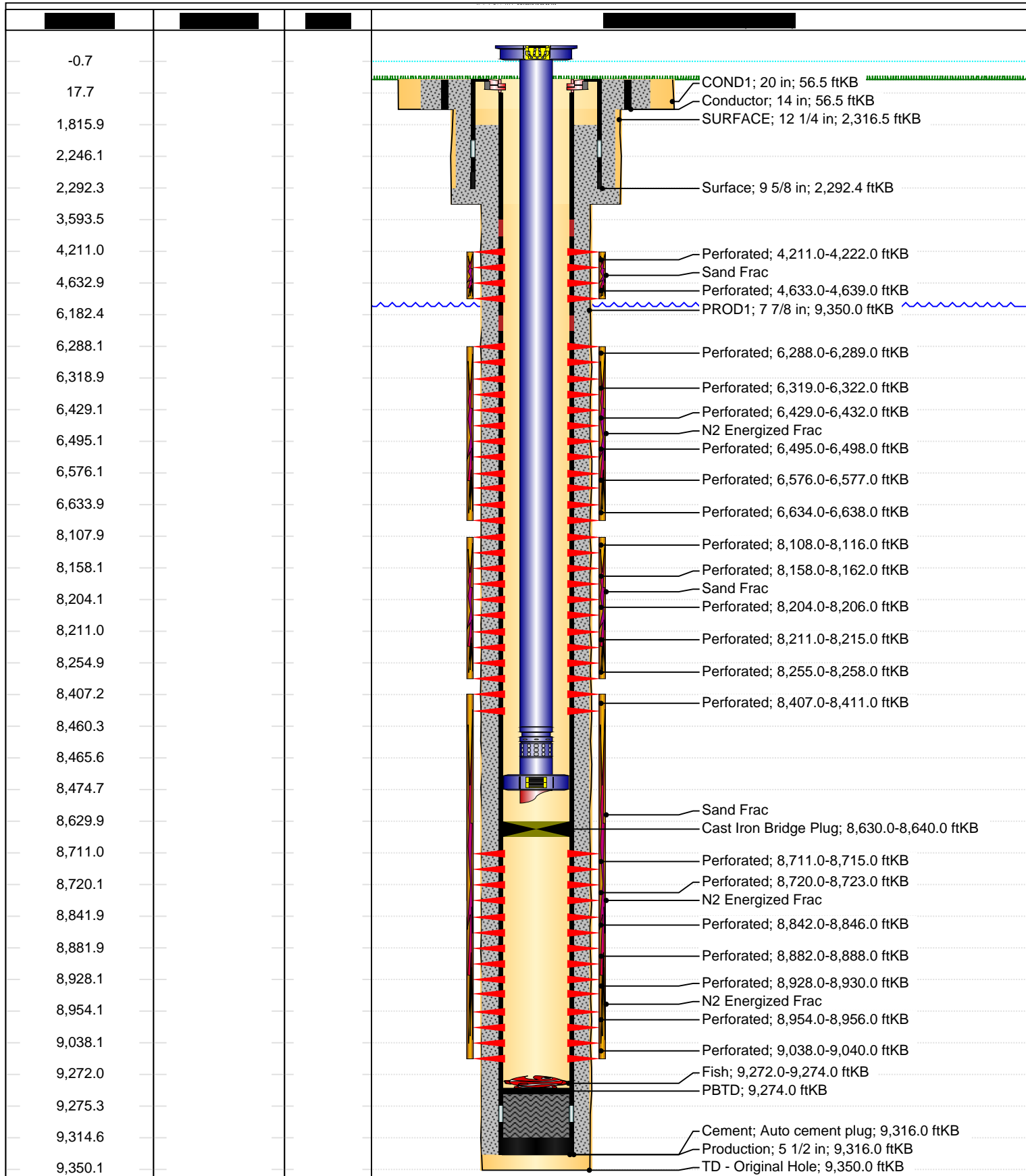
1. MIRU rig. TOH w/ tbg & BHA. Make bit & scraper run to +/- 6,330'. Ensure csg is filled w/ fluid to this depth.
2. PU CICR, TIH and set @ +/-6,320' (Mesaverde formation top @ 6,332'). Circulate tbg with fluid above CICR and ensure csg filled to surface.
3. Sting into CICR, mix and pump 100' Class G cement below CICR. Sting out and spot 50' cement on top of CICR.
4. PU EOT above cement and reverse circulate 1.5X's volume.
5. TOH w/ tbg.
6. PU & TIH with CICR, set @ +/- 4,200' (top Wasatch perf @ +/-4,211')
7. Sting into CR, mix and pump 100' Class G cement below CR. Sting out and spot 50' cement on top of CR.
8. PU EOT above cement and reverse circulate 1.5X's volume.
9. TOH w/ tbg.
10. Perform MIT test protocol. RDMO rig.



# Schematic - Vertical with Perfs

Well Name: Big Pack Unit 03-23H

API/UWI 43047400080000	XTO Accounting ID 166416	Permit Number	State/Province Utah	County Uintah
Location T11S-R20E-S23	Spud Date 11/7/2008 10:00	Original KB Elevation (ft) 5,407.50	Gr Elev (ft) 5,391.00	KB-Ground Distance (ft) 16.50





<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-76267
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> PO Box 6501, Englewood, CO, 80155		<b>8. WELL NAME and NUMBER:</b> BPU 3-23H
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0704 FNL 1934 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 23 Township: 11.0S Range: 20.0E Meridian: S		<b>9. API NUMBER:</b> 43047400080000
<b>PHONE NUMBER:</b> 303 397-3727 Ext		<b>9. FIELD and POOL or WILDCAT:</b> HILL CREEK
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/16/2016	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	<input checked="" type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> APD EXTENSION	
	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. XTO Energy Inc. has completed the Temporary Abandonment of this well per the following: 08/11/16: MIRU. Pump 100 bls TFW w/ biocide for H2S. TOH w/ tbg. TIH w/ 4.75' bit, 5.5' scr. To a depth of 6375'. No Tag. 08/12/16: Set CICR @ 6251'. PT tbg 2000 psig. Gd tst. Mix and pump 35 sks Class G, 23 sks below CICR. 12 sks above CICR. Est TOC @ 6148'. Spot Pkr fluid fr/6100-4100'. Set CICR @ 4150'. PT tbg 2000 psig. Gd tst. Mix and pump 27 sks Class G, 15 sks below CICR. 12 sks above CICR. Est TOC @ 4047'. 08/16/16: CICR w/ cement @ 4,150'. Isolating WA perfs fr/4,211 - 4,639'. CIRC w/ cement @ 6,251'. Isolating MV perfs fr/6,288,-,8,411'. CIBP @ 8,630' Isolating MV perfs fr/8,711' - 9,040'. PBTD @ 9,274'. BLM & Utah DOGM notified by phone on 8/12/2016. MIRU. PT TCA 1,000 psig for 30 min w/5 gal's. Tstd Gd. Witnessed by Eric Daniels, RDMO.		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> September 01, 2016		
<b>NAME (PLEASE PRINT)</b> Rhonda Smith	<b>PHONE NUMBER</b> 505 333-3215	<b>TITLE</b> Regulatory Clerk
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/25/2016	



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CHART NO. MC MP-5000-1HR

METER 8-16-16

CHART PUT ON

TAKEN OFF

LOCATION BPU 3-23 rt

REMARKS MIT TEST BY RBS

*[Signature]*

Test @ 1050 psi  
For 30 min

*[Handwritten initials]*